

**CENSUS OF MANUFACTURES:
1939**

**MAN-HOUR STATISTICS
FOR
171 SELECTED INDUSTRIES**

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MAN - HOUR STATISTICS

FOR

171 SELECTED INDUSTRIES

PREPARED UNDER THE SUPERVISION OF

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BY

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This report on man-hour statistics for 1939 is the fourth of a series compiled by the Bureau of Labor Statistics, Department of Labor, in cooperation with the Bureau of the Census, Department of Commerce. Like its predecessors, this report is based on data collected in the Biennial Census of Manufactures. It was prepared by Arthur F. Beal, an employee of the Productivity and Technological Developments Division of the Bureau of Labor Statistics, serving as a special agent of the Bureau of the Census.

The first report on man-hour statistics, for 1933, covered 32 industries. An endeavor was made in subsequent years to expand the scope of the statistics and to extend the survey to additional industries and industry groups. Thus, 59 industries were represented in the 1935 report, and 105 in 1937. The present report, for 1939, embraces 171 industries.

Scope and Coverage

The statistics presented in this report are based on the returns of establishments employing 4,246,118 wage earners, or 89.7 percent of the total for the 171 industries. This group of wage earners, which is numerically greater than any considered in the earlier studies, comprised 53.8 percent of the 7,886,567 wage earners engaged in all manufacturing industries in 1939. The improvement in coverage over the earlier years has been steady. In 1933, only 28.3 percent of all manufacturing wage earners were represented. In 1935 the percentage was 37.7, and in 1937 it was 48.6.

The tabulations include only those establishments which reported satisfactory data for the man-hours worked by wage earners in each month in 1939. Returns which appeared inadequate were ignored. In general, the establishments submitting acceptable data may be presumed to give reliable indications of the monthly patterns, averages, and ratios of the industries in which they are classified. Coverage from industry to industry, however, is not uniform and must be taken into consideration when inter-industry comparisons are made. Even more caution is necessary when intra-industry comparisons are made---for example, to determine differentials between regions or plants of different size. The use of the figures for such purposes, moreover, may be hampered by the fact that statistics for States, or for plant-size or community-size classes, are often shown in combination to avoid disclosure, exactly or approximately, of data for individual establishments.

Arrangement of Tables

This report comprises eight tables. Tables 1 and 2 are summaries giving basic averages derived from the man-hour aggregates for each industry sample. Tables 3 and 4 present similar industry averages in some detail. Table 1A shows ratios for each State similar to those shown for each industry in table 1. Tables 5A, 5B, and 5C present the man-hour and other aggregates of the man-hour tabulation from which tables 1 and 2 were derived. The titles of the tables and the pages on which they may be found are as follows:

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The arrangement of the industries within these tables is not alphabetical, but follows the industry classification scheme of the Bureau of the Census. It may be helpful to users of this report to know the order of the 17 Census industry groups represented by the 171 industries: Food and kindred products; Tobacco manufactures; Textile-mill products and other fiber manufactures; Apparel and other finished products made from fabrics and similar materials; Lumber and timber basic products; Furniture and finished lumber products; Paper and allied products; Chemicals and allied products; Products of petroleum and coal; Leather and leather products; Rubber products; Stone, clay, and glass products; Nonferrous metals and their products; Iron and steel and their products, except machinery; Electrical machinery; Machinery (except electrical); and Automobiles and automobile equipment.

Definition of Terms

The man-hour figures refer only to the hours worked by wage earners, both part-time and full-time, employed in the various establishments; they do not cover the hours worked by salaried employees or other classes of personnel. As a result of a change in the method of classifying employees in the 1939 Census of Manufactures, the ratios for this year may not be precisely comparable with those for earlier years.

The "Wages" item represents the total compensation of all wage earners (not including salaried persons) employed in the plant, including piece-rate workers. The "Salaries" item covers the salaries of corporation officers (presidents, vice presidents, secretaries, etc.) and of managers, superintendents, technical employees, clerks, etc.---in general, of office employees as distinguished from factory employees. The compensation of employees in central administrative offices, especially those located apart from the plants, is not covered.

In tables 1, 1A, and 3, the "Wages per man-hour" item refers to average hourly compensation of the wage earners. On the other hand, "Salary costs per man-hour" is not the average hourly compensation of the salaried employees, but is the average amount paid out as salaries or administrative and supervisory expenses for each man-hour worked by a wage earner.

"Cost of materials" covers not only the cost of materials actually used in manufacture but also the cost of fuel, containers for products, purchased electric energy, and, if present, the cost of contract work (work done outside the establishment reporting on materials owned by it). The "Value of products" is the total selling value, at the factory, of all products manufactured during the census year, whether sold or in stock.

The "Value added by manufacture" is the difference between the value of products and the cost of materials, etc. It represents the increment created by the manufacturing processes, and is superior to the value of products as a measure of the importance of an industry.

"Prime cost" is the sum of wages, salaries, and cost of materials, etc. "Value of products minus prime cost" is equivalent to the value added by manufacture minus salaries and wages; it is the closest approximation to operating revenue obtainable from data collected in the Census of Manufactures.

"Electric energy used" is the number of kilowatt-hours of electric energy consumed, either purchased or generated in the plant. The "Horsepower" item, as referred to in this report, is the combined rated capacity of prime movers in use and of electric motors driven by purchased energy.

TABLE 1.—AVERAGES PER MAN-HOUR, BY INDUSTRIES, FOR SELECTED ESTABLISHMENTS IN 171 INDUSTRIES: 1939

[Averages by States, size of plant, and size of city, for each of the following industries (in the order listed below) are given in Table 3, pages 14 to 106. Aggregates for each item as obtained in the man-hour tabulation (selected establishments) of each industry are given in Table 5, pages 172 to 189. The man-hour tabulations generally do not cover all establishments of an industry; the total number of establishments and wage earners reporting in the Biennial Census are shown for the respective industries in footnotes on Table 3.]

Industry	No. of establishments	Wage earners (average for year)	Average hours per month	Per wage-earner man-hour								Horse-power per wage earner
				Wage earnings cents	Salary costs, cents	Cost materials	Prime cost	Value products	Value added	Value prod. minus prime cost	Electric energy used, kWh	
171 Selected industries 1/	36,337	4,246,118	160.2	61.6	14.1	\$2.33	\$3.09	\$3.88	\$1.55	\$.79	6.01	7.66
Food and tobacco industries (13)	3,380	287,980	166.7	60.2	15.6	7.42	8.18	9.90	2.48	1.72	4.19	6.73
Food industries (10)	2,867	206,415	174.6	65.2	18.2	7.65	8.49	10.17	2.52	1.68	5.33	8.97
Flour and other grain-mill products	833	19,698	182.7	55.1	23.0	9.95	10.73	12.76	2.81	2.03	13.97	20.02
Feeds, prepared, for animals and fowls	576	11,283	180.6	50.9	24.3	10.02	10.77	13.11	3.09	2.34	6.27	17.44
Cereal preparations	51	7,355	162.1	68.5	19.1	4.00	4.88	8.89	4.89	4.01	8.18	10.33
Blended and prepared flour	40	412	162.7	38.0	33.5	8.73	9.44	11.14	2.41	1.70	1.34	5.85
Custom slaughtering, wholesale	32	589	168.3	52.9	16.2	.39	1.08	1.50	1.11	.42	4.75	8.57
Meat packing, wholesale	737	108,647	175.9	64.9	15.1	8.68	9.48	10.32	1.64	.84	3.18	5.18
Sugar, beet	76	9,329	189.2	52.6	13.1	3.71	4.37	5.90	2.19	1.53	6.60	20.91
Sugar refining, cane	27	14,133	155.1	61.6	14.5	12.69	13.45	14.82	2.13	1.37	7.66	6.56
Liquors, distilled	65	3,705	168.6	60.5	25.6	3.32	4.18	6.67	3.35	2.49	7.39	15.40
Liquors, malt	430	31,264	171.2	84.7	26.0	2.21	3.32	7.11	4.90	3.79	4.65	8.59
Tobacco industries (3)	513	81,565	146.6	45.1	7.5	6.71	7.24	9.08	2.37	1.84	.78	1.08
Cigars	388	45,355	144.5	39.0	5.8	.91	1.36	1.83	.92	.47	.34	.39
Cigarettes	35	27,426	149.4	53.0	7.6	16.49	17.10	21.10	4.61	4.00	1.44	1.85
Tobacco (chewing and smoking) and snuff	90	8,784	148.7	51.0	15.6	5.14	5.81	7.77	2.63	1.96	.92	2.21
Textile mills and apparel (48)	6,818	1,175,104	155.1	44.4	6.7	.97	1.48	1.82	.85	.34	2.85	2.67
Textile mill products (35)	4,382	921,682	157.5	44.1	6.9	.99	1.50	1.85	.86	.35	3.53	3.32
Cotton manufactures (8)	1,357	427,143	158.9	39.3	5.4	.84	1.29	1.63	.79	.34	5.42	4.71
Cotton yarn	281	62,270	156.0	34.8	3.9	.86	1.25	1.50	.64	.25	6.28	5.00
Cotton thread	50	12,635	155.2	43.0	9.3	1.04	1.56	2.00	.96	.44	4.19	4.70
Cotton broad woven goods	576	297,778	158.0	38.2	3.8	.73	1.15	1.48	.75	.33	5.85	4.80
Cotton narrow fabrics	118	10,957	164.4	44.8	11.8	.87	1.43	1.85	.98	.42	1.26	2.04
Dyeing and finishing of cotton textiles	186	37,188	169.8	49.8	14.3	1.38	2.02	2.46	1.08	.44	3.01	4.26
Shade cloth, special finishing of cotton fabric	28	1,008	174.6	57.8	17.9	2.30	3.06	5.15	2.85	2.09	2.49	5.89
Batting, padding, wadding; upholstery filling	79	3,785	161.8	48.6	18.4	1.97	2.64	3.54	1.57	.90	2.86	5.34
Processed cotton waste---regular factories	39	1,522	158.8	34.7	19.9	2.78	3.33	3.84	1.06	.51	1.54	4.90
Wool manufactures (9)	813	175,639	155.9	53.4	9.8	1.54	2.17	2.67	1.13	.50	2.32	3.27
Woolen and worsted manufactures:												
Contract factories	57	5,301	161.0	51.2	10.6	.17	.79	1.09	.92	.30	2.35	2.76
Regular factories	508	133,911	155.7	51.2	8.7	1.61	2.21	2.62	1.01	.41	2.35	3.28
Dyeing and finishing of woolen and worsted	47	2,371	161.5	53.1	23.4	2.14	2.90	3.40	1.26	.50	1.93	4.08
Sponging of woolen and worsted	43	739	158.7	90.9	30.3	.23	1.44	2.58	2.35	1.14	.68	1.78
Processed waste and recovered fibers---contract factories	24	573	167.5	44.9	14.5	.21	.80	1.17	.96	.37	2.85	8.62
Recovered wool fibers---regular factories	50	2,201	167.0	45.2	19.0	2.62	3.26	3.79	1.17	.53	3.15	7.89
Felt goods (except woven felts and hats)	37	3,346	170.1	56.5	12.5	1.91	2.60	3.45	1.54	.85	3.03	5.31
Woolen and worsted carpet yarn	10	2,675	160.1	57.0	10.4	1.85	2.53	3.22	1.37	.69	3.08	2.79
Wool carpets and rugs	37	24,522	151.8	65.1	12.4	1.28	2.06	3.00	1.72	.94	1.89	2.56
Rayon manufactures (6)	511	88,655	161.0	43.8	7.1	1.16	1.67	1.99	.83	.32	3.04	2.66
Rayon throwing and spinning---contract factories	26	2,173	151.2	34.0	4.9	.33	.52	.67	.54	.15	4.62	3.03
Rayon yarn and thread---regular factories	43	5,638	154.6	36.3	7.3	1.67	2.11	2.37	.70	.26	4.49	3.33
Rayon broad woven goods:												
Contract factories	62	3,656	155.0	39.2	5.6	.08	.53	.67	.59	.14	1.58	1.34
Regular factories	146	55,850	162.5	42.3	4.5	1.36	1.83	2.12	.76	.29	3.33	2.59
Rayon narrow fabrics	73	4,632	164.0	39.2	10.2	.71	1.21	1.63	.92	.42	.76	.95
Dyeing and finishing of rayon and silk textiles	161	16,706	160.1	55.0	15.5	.82	1.53	1.98	1.16	.45	2.37	3.35
Silk manufactures (5)	265	31,660	152.1	40.9	7.7	.96	1.44	1.72	.76	.28	2.43	2.16
Silk throwing and spinning---contract factories	62	10,532	143.5	35.8	4.5	.17	.57	.74	.57	.17	3.56	2.06
Silk yarn and thread---regular factories	46	8,908	156.7	39.3	8.4	1.91	2.39	2.70	.79	.31	2.55	2.33
Silk broad woven goods:												
Contract factories	25	800	153.5	37.4	5.1	.07	.50	.57	.50	.07	1.27	1.50
Regular factories	59	7,475	154.4	46.2	9.5	1.15	1.71	2.01	.86	.30	1.93	2.86
Silk narrow fabrics	73	3,945	160.4	47.1	11.2	.54	1.12	1.55	1.01	.43	.62	.89

TABLE 1.--AVERAGES PER MAN-HOUR, BY INDUSTRIES, FOR SELECTED ESTABLISHMENTS IN 171 INDUSTRIES: 1939---Continued

Industry	No. of establishments	Wage earners (average for year)	Average hours per month	Per wage-earner man-hour								Horse-power per wage earner
				Wage earnings cents	Salary costs, cents	Cost materials	Prime cost	Value products	Value added	Value prod. minus prime cost	Electric energy used, KWH	
Knit goods (7)	1,436	198,585	155.1	46.9	7.3	\$.77	\$1.31	\$1.58	\$.81	\$.27	.81	.86
Hosiery, full-fashioned	337	84,361	153.6	56.9	6.4	.67	1.31	1.55	.88	.24	.85	.68
Hosiery, seamless	319	49,362	155.4	37.3	5.6	.59	1.02	1.24	.65	.22	.62	.67
Knitted cloth	134	9,135	164.0	47.0	14.3	1.85	2.46	2.93	1.08	.47	1.96	2.65
Knitted gloves	17	3,692	152.8	39.1	4.9	.56	1.00	1.27	.71	.27	.27	.33
Knitted outerwear (except knitted gloves):												
Contract factories	166	3,238	148.4	45.5	4.1	.11	.61	.91	.80	.30	.41	.52
Regular factories	306	15,378	157.0	44.3	12.0	1.27	1.83	2.28	1.01	.45	.45	.76
Knitted underwear	157	33,419	155.9	38.6	8.6	.81	1.28	1.54	.73	.26	.91	1.27
Apparel (men's clothing) (13)	2,436	253,422	146.6	45.8	6.2	.88	1.40	1.71	.83	.31	.23	.31
Work clothing (except work shirts) and sport garments (except leather)	459	46,224	150.1	36.2	6.3	1.06	1.48	1.73	.67	.25	.27	.39
Trousers (semdresses), wash suits, and washable service apparel	169	13,900	149.7	35.8	6.4	.88	1.30	1.59	.71	.29	.20	.41
Leather and sheep-lined clothing	61	3,541	156.3	54.9	12.3	1.69	2.36	2.69	1.00	.33	.29	.33
Raincoats and other waterproof garments (except oiled cotton)	35	1,792	144.0	42.8	11.6	1.16	1.70	2.03	.87	.33	.21	.30
Work shirts	71	12,336	151.4	30.0	3.4	.83	1.17	1.40	.57	.23	.30	.33
Men's and boys' shirts (except work shirts), collars, and nightwear:												
Contract factories	106	10,520	142.8	33.7	2.8	.05	.42	.50	.45	.08	.16	.21
Regular factories	243	45,895	151.6	36.6	4.6	.89	1.30	1.59	.70	.29	.24	.37
Jobber shops	2/31	2/408	2/166.1	2/48.4	---	---	---	---	---	---	---	---
Men's and boys' underwear---contract factories	10	1,211	163.7	29.3	1.7	.08	.39	.46	.38	.07	.14	.30
Men's and boys' underwear---regular factories	36	4,850	149.4	31.9	4.4	1.08	1.44	1.64	.56	.20	.25	.38
Men's neckwear---contract factories	20	681	125.7	40.1	4.2	.11	.55	.71	.60	.16	.21	.16
Men's neckwear---regular factories	185	6,568	150.5	45.1	12.1	1.61	2.19	2.83	1.22	.64	.24	.16
Men's and boys' suits, coats, and overcoats (except work clothing):												
Contract factories	653	34,392	135.2	55.4	3.3	.07	.65	.78	.71	.13	.17	.19
Regular factories	388	71,512	144.7	61.6	8.7	1.14	1.84	2.31	1.17	.47	.24	.29
Jobber shops	2/208	2/2,250	2/154.2	2/87.3	---	---	---	---	---	---	---	---
Forest products (15)	9,648	445,589	164.8	46.1	8.9	.77	1.32	1.70	.93	.38	1.72	5.57
Lumber and timber basic products (4)	6,904	288,181	163.6	45.8	7.4	.71	1.24	1.60	.89	.36	2.11	6.84
Logging camps and contractore (not with sawmills)	525	16,796	149.4	58.4	6.1	.71	1.35	1.77	1.06	.42	---	---
Sawmills, veneer mills, and cooperage-stock mills, including those combined with logging camps and with planing mills	4,535	214,599	162.5	43.8	6.2	.56	1.06	1.39	.83	.33	2.30	7.22
Planing mills not with sawmills	1,771	48,000	171.7	49.6	12.9	1.34	1.97	2.41	1.07	.44	1.75	7.83
Plywood mills	73	8,786	173.3	50.9	8.0	.92	1.51	1.96	1.04	.45	3.34	5.27
Wooden containers (4)	611	31,000	161.1	36.3	8.1	.74	1.19	1.51	.77	.32	.93	3.80
Baskets for fruits and vegetables	110	6,822	156.5	30.0	5.5	.40	.75	.97	.57	.22	.39	2.57
Rattan and willowware (except furniture) and baskets other than vegetable and fruit baskets	31	1,212	166.2	34.2	17.1	.61	1.12	1.43	.82	.31	.38	1.77
Cigar boxes, wooden or part wooden	47	2,559	148.0	36.5	9.3	.43	.89	1.12	.69	.23	.54	1.50
Wooden boxes except cigar boxes	423	20,407	164.0	38.4	8.2	.90	1.36	1.73	.83	.37	1.19	4.63
Furniture (7)	2,133	126,408	168.4	49.0	12.3	.90	1.51	1.94	1.04	.43	1.05	3.12
Venetian blinds 2/	86	2,655	176.7	43.0	11.2	1.12	1.66	2.06	.94	.40	.86	1.90
Upholstered household furniture	510	23,103	162.8	52.5	11.7	1.10	1.74	2.18	1.08	.44	.60	1.94
Household furniture except upholstered	932	72,411	169.4	44.1	10.4	.79	1.34	1.70	.91	.36	1.16	3.45
Office furniture	99	10,555	172.3	57.0	14.7	.94	1.65	2.25	1.31	.60	1.17	2.86
Public-building furniture	76	5,163	173.2	53.6	16.0	.88	1.58	2.12	1.24	.54	1.47	3.73
Laboratory, hospital, professional furniture	51	2,389	170.9	54.7	23.7	1.01	1.80	2.43	1.42	.63	.93	3.20
Partitions, shelving, cabinet work, fixtures	379	10,132	164.4	66.1	20.9	1.09	1.96	2.55	1.46	.59	.95	3.68
Chemical industries, i.e., making or using chemicals, or employing chemical processes (15)	3,213	452,743	164.0	68.7	19.6	4.06	4.95	6.44	2.38	1.49	15.95	14.28
Chemical industries other than rubber (11)	2,778	337,373	167.0	67.3	19.5	4.64	5.51	7.19	2.55	1.68	18.72	16.45
Paper and paperboard mills	530	101,360	175.8	61.4	14.1	2.27	3.03	4.00	1.73	.97	27.18	4/24.99
Pulp mills	157	24,301	170.2	59.5	10.6	2.66	3.36	4.08	1.42	.72	49.49	4/30.60
Rayon and allied products	30	48,332	158.5	65.3	13.4	.86	1.64	2.69	1.83	1.05	13.47	8.74
Drugs and medicines (including drug grinding)	525	19,075	170.7	52.3	40.5	2.47	3.40	7.92	5.45	4.52	1.51	2.72
Insecticides and fungicides	219	2,590	169.5	51.9	53.6	4.36	5.42	9.61	5.25	4.19	1.94	6.43
Perfumes, cosmetics, and other toilet preparations	216	8,544	166.5	46.2	34.0	2.91	3.71	7.44	4.53	3.73	.46	1.36
Soap and glycerin	153	13,303	164.9	70.1	31.3	6.00	7.01	11.30	5.30	4.29	4.32	6.58
Cleaning and polishing preparations; blackings, etc.	256	4,075	167.3	54.7	47.4	3.50	4.52	7.96	4.46	3.44	1.42	3.82
Petroleum refining	341	70,934	160.7	92.0	27.1	13.71	14.90	17.45	3.74	2.55	20.12	20.77
Leather: Tanned, etc.--contract factories	88	5,087	161.2	59.1	12.5	.60	1.32	1.58	.98	.26	2.08	3.81
Leather: Tanned, etc.--regular factories	263	39,772	164.1	61.7	11.5	2.60	3.33	3.87	1.27	.54	2.25	4.37

Industry	No. of establishments	Wage earners (average for year)	Average hours per month	Per wage-earner man-hour								Horse-power per wage earner
				Wage earnings cents	Salary costs, cents	Cost materials	Prime cost	Value products	Value added	Value prod. minus prime cost	Electric energy used, KWH	
Rubber industries (4)	435	115,370	155.2	73.0	19.9	\$2.25	\$3.18	\$4.08	\$1.83	\$.90	7.25	7.96
Rubber boots and shoes	13	14,861	148.7	63.4	13.1	.78	1.54	1.88	1.10	.34	2.50	4.26
Tires and inner tubes	53	54,115	148.2	93.3	24.2	3.64	4.81	6.04	2.40	1.23	11.12	9.77
Reclaimed rubber	10	1,072	172.5	66.5	17.4	1.35	2.19	3.11	1.76	.92	37.68	30.29
Rubber products not elsewhere classified	359	45,322	165.4	54.4	17.3	1.24	1.95	2.67	1.43	.72	3.77	6.49
Stone, clay, glass industries (18)	1,664	178,096	160.0	60.7	12.2	.79	1.52	2.38	1.59	.86	11.25	11.29
Cement and lime (2)	354	31,552	166.1	62.0	14.5	1.25	2.02	3.53	2.28	1.51	44.32	40.02
Cement	157	23,571	164.1	67.1	15.8	1.45	2.28	4.10	2.65	1.82	57.99	48.51
Lime	197	7,981	172.0	47.7	10.7	.70	1.28	1.93	1.23	.65	5.81	14.95
Structural clay products (7)	879	47,031	164.2	50.4	9.7	.43	1.03	1.50	1.07	.47	2.44	6.58
Brick and hollow structural tiles	539	22,196	168.8	46.1	9.2	.38	.93	1.33	.95	.40	2.90	8.09
Terra cotta	12	1,099	175.6	56.1	13.2	.33	1.02	1.37	1.04	.35	2.02	5.03
Roofing tile	16	628	159.9	51.1	12.3	.31	.94	1.51	1.20	.57	2.36	7.18
Floor and wall tile (except quarry tile)	45	5,350	174.1	50.7	8.5	.43	1.02	1.51	1.08	.49	1.47	2.43
Sewer pipe and kindred products	60	6,041	162.0	54.7	8.2	.38	1.01	1.48	1.10	.47	1.02	4.69
Clay refractories, including refractory cement	136	10,257	148.7	57.9	11.6	.61	1.30	1.97	1.36	.67	2.92	6.55
Clay products (except pottery), n.e.c.	71	1,460	168.8	44.8	10.5	.31	.86	1.33	1.02	.47	2.03	7.70
Pottery and porcelain (5)	209	29,556	164.3	58.1	11.1	.45	1.14	1.53	1.08	.39	1.21	2.12
Vitreous-china plumbing fixtures	25	4,534	167.2	69.4	12.2	.77	1.59	2.42	1.65	.83	1.55	3.88
Hotel china	14	3,580	156.7	56.5	10.1	.21	.88	1.16	.95	.28	.96	1.15
Whiteware	24	10,962	161.7	57.8	7.7	.36	1.02	1.23	.87	.21	.92	1.09
Porcelain electrical supplies	35	5,284	166.1	55.2	15.8	.62	1.33	1.79	1.17	.46	1.78	3.27
Pottery products not elsewhere classified	111	5,196	171.0	52.9	12.9	.30	.96	1.34	1.04	.38	1.10	2.29
Glass (3)	185	65,426	153.4	69.2	13.7	.96	1.79	2.84	1.88	1.05	6.11	5.34
Flat glass	33	16,621	141.9	84.3	12.9	1.19	2.16	3.60	2.41	1.44	8.95	9.28
Glass containers	69	24,738	162.5	67.9	14.0	1.19	2.01	3.16	1.97	1.15	7.28	5.46
Tableware, and glassware not elsewhere classified	83	24,067	152.0	60.9	13.8	.55	1.30	2.00	1.45	.70	3.00	2.49
Monolay refractories (1)	37	4,531	143.7	62.8	11.7	1.27	2.02	2.95	1.68	.93	3.72	6.08
Nonferrous metal industries (8)	1,669	122,544	172.8	67.0	18.5	4.50	5.36	6.39	1.89	1.03	18.78	9.97
Primary smelting and refining, nonferrous	39	19,334	171.2	67.6	16.2	15.47	16.31	18.10	2.63	1.79	94.18	23.75
Secondary smelting and refining, nonferrous, n.e.c.	56	2,769	166.9	61.8	34.3	8.85	9.81	11.22	2.37	1.41	3.96	6.84
Aluminum ware, kitchen, hospital, and household (except electrical appliances)	32	6,297	173.1	59.4	16.8	1.32	2.08	2.84	1.52	.76	2.06	5.16
Aluminum products (including rolling and drawing and extruding), not elsewhere classified	95	16,431	170.4	73.0	17.9	3.07	3.98	4.85	1.78	.87	7.06	9.36
Alloying and rolling and drawing of nonferrous metals, except aluminum	113	34,926	177.1	68.0	15.2	3.11	3.94	5.03	1.92	1.09	8.24	12.00
Nonferrous metal foundries, except aluminum	349	6,950	165.4	65.1	21.1	1.58	2.44	2.98	1.40	.54	1.47	3.46
Nonferrous metal products not elsewhere classified	248	21,178	173.9	67.6	20.3	1.15	2.03	2.67	1.52	.64	2.09	3.26
Sheet metal work not specifically classified	737	14,659	170.2	61.5	24.1	1.93	2.79	3.71	1.78	.92	.72	3.09
Iron and steel and their products, including machinery and motor vehicles (54)	9,945	1,584,062	159.5	76.5	19.0	2.27	3.23	4.05	1.78	.82	5.30	9.62
Iron and steel and their products except machinery and motor vehicles (17)	3,089	663,121	157.4	74.8	14.3	2.27	3.16	3.88	1.61	.72	8.81	15.88
Iron and steel (3)	471	413,541	154.9	82.4	13.5	2.68	3.64	4.39	1.71	.75	12.79	22.52
Blast furnace products	78	18,999	163.9	74.0	14.1	12.07	12.95	14.36	2.29	1.41	23.97	5/
Steel works and rolling mills	241	365,328	154.1	83.6	13.0	2.31	3.28	4.00	1.69	.72	12.54	5/
Steel castings	152	29,214	159.7	73.1	19.0	.79	1.71	2.36	1.57	.65	8.36	8.63
Iron foundries (3)	1,035	85,319	159.1	62.3	12.7	.71	1.46	1.86	1.15	.40	2.00	4.56
Gray-iron and cast-steel castings	893	52,488	159.1	64.1	13.8	.73	1.51	1.92	1.19	.41	1.85	4.74
Malleable-iron castings	75	17,328	157.9	63.1	12.2	.53	1.28	1.56	1.03	.28	2.54	4.59
Cast-iron pipe and fittings	67	15,503	160.7	55.3	9.5	.87	1.52	2.01	1.14	.49	1.89	3.92

Industry	No. of establishments	Wage earners (average for year)	Average hours per month	Per wage-earner man-hour								Horse-power per wage earner
				Wage earnings cents	Salary costs, cents	Cost materials	Prime cost	Value products	Value added	Value prod. minus prime cost	Electric energy used, KWH	
Miscellaneous iron and steel products (7)	1,007	117,903	162.5	64.5	17.2	\$2.42	\$3.24	\$4.17	\$1.75	\$.93	2.95	5.46
Wrought pipe, welded and heavily riveted	40	7,984	156.2	78.3	17.9	2.67	3.63	4.84	2.17	1.21	4.84	9.62
Cold-rolled steel sheaths, strips, and bars	43	5,644	167.4	72.1	20.8	4.00	4.93	6.21	2.21	1.28	6.83	17.50
Enamel-iron sanitary ware and other plumbers' supplies (not including pipe and vitreous and semi-vitreous china sanitary ware)	182	23,096	163.5	64.0	13.9	1.08	1.86	2.60	1.52	.74	2.21	4.37
Steel barrels, kegs, and drums	49	5,804	157.6	64.5	13.5	2.82	3.60	4.27	1.45	.67	2.32	4.06
Tin cans, other tinware not elsewhere classified	207	29,605	162.3	59.1	17.9	4.08	4.85	6.13	2.05	1.28	1.83	3.98
Wire drawn from purchased rods	85	20,521	164.2	69.3	19.6	2.33	3.22	4.11	1.78	.89	5.62	7.70
Wirework not elsewhere classified	401	25,249	162.3	61.5	17.2	1.27	2.05	2.69	1.42	.64	1.40	2.66
Metal stamping, enameling, japanning (4)	576	46,358	163.9	59.4	16.9	1.25	2.01	2.58	1.33	.57	2.19	4.02
Vitreous enameled products (kitchen utensils, etc.)	45	9,775	155.8	54.6	13.1	.91	1.59	2.04	1.13	.45	2.71	2.61
Automobile stampings	75	7,895	162.1	71.7	19.7	1.36	2.27	2.92	1.56	.65	2.00	5.00
Stamped and pressed metal products (except automobile stampings)	399	27,024	167.7	57.6	17.4	1.36	2.11	2.71	1.35	.60	2.04	4.33
Enameling, japanning, and lacquering	57	1,664	158.5	60.2	17.1	.73	1.50	2.03	1.30	.53	2.54	2.61
Electrical machinery (13)	1,315	240,758	165.0	67.1	27.8	1.42	2.37	3.42	2.00	1.05	2.93	4.01
Batteries, storage and primary (dry and wet)	125	13,718	168.1	65.0	17.8	2.08	2.91	3.90	1.82	.99	5.39	5.21
Carbon products (electrical), etc.	25	3,171	169.4	68.8	28.1	1.03	2.00	2.83	1.80	.83	25.65	8.39
Insulated wire and cable	64	14,671	162.9	62.0	21.5	2.31	3.15	3.99	1.68	.84	3.67	7.11
Wiring devices and supplies	112	13,775	170.5	56.6	19.5	1.49	2.25	3.13	1.64	.88	1.28	2.97
Electrical measuring instruments	37	6,842	168.3	70.6	30.3	.84	1.85	2.95	2.11	1.10	1.59	1.88
Automotive electrical equipment	60	17,271	159.7	74.7	19.4	1.24	2.18	3.26	2.02	1.08	2.20	4.08
Generating, distributing, and industrial apparatus	338	67,078	164.4	75.4	36.4	1.35	2.47	3.40	2.05	.93	3.44	5.19
Electrical appliances	91	19,101	163.1	66.0	17.7	1.49	2.33	3.77	2.28	1.44	2.22	2.98
Electric lamps	43	8,224	158.8	59.4	17.9	1.67	2.45	4.98	3.31	2.53	2.89	2.44
Radios, radio tubes, and phonographs	121	39,750	166.2	54.8	20.3	1.62	2.37	3.12	1.50	.75	1.34	1.74
Communication equipment	151	31,008	165.2	70.6	40.2	.73	1.84	3.01	2.28	1.17	1.98	3.91
X-ray and therapeutic apparatus, electronic tubes	46	1,837	173.8	67.1	43.2	1.39	2.50	4.40	3.01	1.90	.95	1.59
Electrical products not elsewhere classified	102	4,312	168.4	65.9	36.5	1.28	2.30	3.62	2.34	1.32	3.48	4.54
Machinery other than electrical and motor vehicle (22)	4,717	292,086	170.7	71.7	25.4	1.16	2.13	3.05	1.89	.92	2.00	5.36
Engines (2)	83	18,517	168.9	73.8	31.7	1.67	2.72	3.58	1.91	.86	2.51	6.11
Steam engines, turbines, and water wheels	18	3,902	153.7	88.2	43.3	1.33	2.64	3.44	2.11	.80	3.07	4.50
Internal-combustion engines	65	14,615	173.0	70.3	28.9	1.75	2.74	3.61	1.86	.87	2.38	6.54
Metal-working machinery (3)	962	71,797	182.0	76.1	26.3	.76	1.78	2.62	1.86	.84	1.49	4.68
Machine tools	173	36,016	186.9	75.8	26.1	.76	1.78	2.63	1.87	.85	1.50	4.64
Machine-tool accessories, metal-cutting and shaping tools, and machinists' precision tools	650	20,879	177.2	77.5	24.1	.56	1.58	2.35	1.79	.77	1.46	4.16
Metal-working machinery and equipment, n.s.c.	139	14,902	176.9	75.0	29.6	1.05	2.10	2.98	1.93	.88	1.53	5.50
Special industrial machinery (7)	846	49,105	171.4	68.5	29.4	1.14	2.12	3.09	1.95	.97	1.85	6.10
Woodworking machinery	99	3,308	174.2	61.7	29.9	1.10	2.01	2.86	1.76	.85	1.30	5.92
Paper-mill, pulp-mill, paper-products machinery	79	4,755	179.7	67.6	35.0	1.11	2.14	2.77	1.66	.63	1.44	7.03
Food-products machinery	252	12,561	172.0	66.1	30.6	1.08	2.05	3.11	2.03	1.06	1.12	5.34
Commercial laundry, cleaning, pressing machinery	55	2,534	167.2	64.3	32.4	1.64	2.61	4.08	2.44	1.47	1.00	5.16
Oil-field machinery and tools	157	11,433	173.5	72.3	25.2	1.15	2.12	3.33	2.18	1.21	3.27	7.66
Mining machinery and equipment	53	4,830	159.4	66.3	30.5	1.61	2.57	3.53	1.92	.96	2.12	6.51
Special industrial machinery, n.s.c.	151	9,684	170.1	71.9	28.6	.90	1.91	2.55	1.65	.64	1.59	4.90
General industrial machinery (10)	2,826	152,667	165.5	70.2	22.9	1.31	2.24	3.20	1.89	.96	2.26	5.36
Blowers and exhaust and ventilating fans	40	3,537	169.7	69.1	21.4	1.43	2.34	3.46	2.03	1.12	1.12	3.53
Stokers, mechanical, domestic, and industrial	39	3,258	159.9	70.4	22.3	1.39	2.32	3.40	2.01	1.08	2.43	4.91
Mechanical power-transmission equipment	162	28,418	168.2	71.8	19.5	.82	1.73	2.81	1.99	1.08	2.68	5.67
Industrial machinery not elsewhere classified	344	16,953	170.6	70.2	32.9	1.14	2.17	3.14	2.00	.97	2.07	7.20
Machine-shop products not elsewhere classified	1,161	49,292	165.6	68.3	24.7	1.11	2.04	2.88	1.77	.84	1.98	5.49
Machine-shop repairs	706	5,768	170.8	66.9	16.2	.58	1.41	2.00	1.42	.59	1.00	6.26
Vending, amusement, other coin-operated machines	28	2,534	164.5	61.9	24.8	1.27	2.14	3.07	1.80	.93	.64	1.55
Refrigerators, domestic; refrigerating machinery and equipment; complete air-conditioning units	179	33,089	159.6	72.6	17.1	2.23	3.12	4.13	1.90	1.01	2.96	4.17
Elevators, escalators, and conveyors	123	7,274	165.1	76.9	31.1	1.41	2.49	3.64	2.23	1.15	2.19	6.05
Cars and trucks, industrial	44	2,544	164.4	58.8	24.6	1.44	2.28	3.26	1.82	.98	1.30	5.24
Motor vehicle industries (2)	824	388,097	151.3	89.8	15.8	3.80	4.86	5.63	1.83	.77	3.48	5.61
Motor vehicles, and bodies, parts, accessories	779	386,879	151.3	90.0	15.8	3.81	4.86	5.64	1.83	.78	3.49	5.63
Automobile trailers (for passenger cars)	45	1,218	176.7	49.0	11.4	1.59	2.20	2.61	1.02	.41	.38	1.12

1/ Biennial-census totals for the 171 industries: Establishments, 59,349; wage earners, 4,732,877; wages \$5,490,828,907.

2/ Not included in group totals or averages above. For further details, see footnote 1 under "Regular factories" in Table 3.

3/ This industry appears out of its proper order in tables 3 and 4, being on pages 48 and 130 in those tables, just following the industry "Plywood mills".

4/ The horsepower data used in these tabulations for the paper and pulp industries are those originally reported by the manufacturer for each industry, even though occasionally a manufacturer reported for one of these industries at a specified location the total horsepower data for both industries at that location.

5/ Cannot be given for each industry, because some of the manufacturers did not report horsepower data separately for the "Blast-furnace products" and "Steel works and rolling mills" industries. The average for these two industries combined is 23.58 horsepower per wage earner; additional details are given in footnote 2 under each of these two industries in table 3, on page 78.

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[The data below for each State cover only the selected establishments of the State in the 171 industries]

District and State	No. of establishments	Wage earners (average for year)	Average hours per month	Per wage-earner man-hour								Horse-power per wage earner
				Wage earnings cents	Salary costs, cents	Cost materials	Prime cost	Value products	Value added	Value prod. minus prime cost	Electric energy used, kWh	
United States (171 Selected Industries) 1/	36,337	4,246,118	160.2	61.6	14.1	\$2.33	\$3.09	\$3.88	\$1.55	\$.79	6.01	7.66
The North (First 4 districts below)	22,769	2,952,205	160.0	67.3	16.3	2.35	3.18	4.01	1.66	.83	5.57	7.84
The South (5th, 6th, and 7th districts)	8,975	1,044,705	160.0	44.0	7.9	2.03	2.55	3.18	1.15	.63	6.77	6.29
The West (8th and 9th districts)	4,593	249,208	163.4	69.0	14.3	3.36	4.19	5.21	1.85	1.02	8.06	11.15
<u>Geographic Districts</u>												
New England	3,534	470,829	163.8	55.2	13.7	1.39	2.08	2.67	1.28	.59	4.63	6.17
Middle Atlantic	8,815	1,020,699	157.9	64.4	16.3	2.17	2.98	3.80	1.63	.82	6.06	7.98
East North Central	8,306	1,301,829	159.4	74.9	17.4	2.55	3.47	4.36	1.81	.89	5.56	8.37
West North Central	2,114	158,848	167.6	60.1	15.6	4.58	5.34	6.46	1.88	1.12	5.41	7.62
Upper South	4,364	557,371	159.0	47.0	8.2	2.05	2.60	3.34	1.29	.74	6.78	5.52
Lower South	3,390	404,253	159.5	37.3	5.9	1.25	1.68	2.08	.83	.40	6.18	6.34
Southwest	1,221	83,081	169.0	56.2	15.3	5.41	6.13	7.18	1.77	1.05	9.36	11.27
Mountain	854	38,384	168.9	61.0	14.8	4.41	5.17	6.29	1.88	1.12	8.32	16.06
Pacific	3,739	210,824	162.4	70.5	14.2	3.16	4.01	5.01	1.85	1.00	8.01	10.26
<u>New England:</u>												
Maine	331	38,018	161.9	49.0	8.7	1.53	2.11	2.67	1.14	.56	15.13	14.78
New Hampshire	256	23,181	166.5	47.3	8.5	1.23	1.79	2.19	.96	.40	8.75	9.18
Vermont	173	11,301	171.3	46.2	13.7	1.28	1.88	2.47	1.19	.59	4.25	7.25
Massachusetts	1,705	219,364	162.6	56.2	14.6	1.44	2.14	2.70	1.26	.56	3.53	5.27
Rhode Island	379	71,719	162.6	51.6	10.9	1.42	2.05	2.50	1.08	.45	3.08	3.85
Connecticut	690	107,246	166.2	60.5	16.6	1.25	2.02	2.82	1.57	.80	3.35	5.73
<u>Middle Atlantic:</u>												
New York	3,798	300,850	161.2	63.4	17.5	2.24	3.05	3.99	1.75	.94	7.70	7.66
New Jersey	1,536	200,520	162.3	62.8	18.3	2.59	3.40	4.38	1.79	.98	3.88	5.00
Pennsylvania	3,481	519,329	154.4	65.6	14.7	1.96	2.76	3.45	1.49	.69	5.95	9.32
<u>East North Central:</u>												
Michigan	1,548	399,107	153.9	85.6	16.1	2.84	3.85	4.62	1.78	.77	5.12	7.24
Ohio	2,416	367,628	159.2	75.6	17.7	2.31	3.24	4.10	1.79	.86	6.56	9.96
Indiana	1,035	184,786	160.0	68.7	16.7	2.45	3.30	4.33	1.88	1.03	6.00	9.94
Illinois	2,291	245,398	163.8	66.6	19.4	2.72	3.58	4.58	1.86	1.00	4.47	6.99
Wisconsin	1,016	104,910	169.9	64.6	17.7	2.11	2.93	3.80	1.69	.87	5.55	7.48
<u>West North Central:</u>												
Minnesota	568	35,008	166.7	64.1	14.5	4.31	5.10	6.29	1.98	1.19	6.81	9.07
Iowa	272	24,429	174.4	57.0	13.7	5.13	5.84	6.81	1.68	.97	4.98	5.77
Missouri	840	70,356	163.7	58.9	16.4	3.14	3.89	5.05	1.91	1.16	3.90	5.60
North Dakota	18	698	175.1	63.0	18.9	10.86	11.68	13.43	2.57	1.75	7.82	12.19
South Dakota	45	3,011	181.3	57.6	16.8	6.71	7.46	8.37	1.66	.91	3.62	6.56
Nebraska	147	8,485	173.0	59.6	16.6	8.15	8.91	9.94	1.79	1.03	6.33	10.59
Kansas	224	16,861	170.8	62.4	16.4	7.59	8.38	9.52	1.93	1.14	9.06	14.20
<u>Upper South:</u>												
Delaware	102	10,112	161.0	54.6	14.4	1.53	2.22	2.67	1.14	.45	3.82	7.85
Maryland	740	77,807	167.0	58.3	11.7	2.48	3.18	4.05	1.57	.87	7.13	8.14
District of Columbia	31	663	178.4	57.2	24.5	2.08	2.89	4.01	1.93	1.12	3.96	6.41
West Virginia	340	51,579	151.8	64.5	10.1	1.59	2.33	2.94	1.35	.61	7.35	6.41
Virginia	818	84,530	159.0	43.6	7.8	2.81	3.32	4.32	1.51	1.00	6.05	5.53
North Carolina	1,343	215,919	156.7	39.7	5.5	1.83	2.28	2.90	1.07	.62	4.92	4.01
Kentucky	383	39,253	156.1	54.5	11.9	2.79	3.46	4.36	1.57	.90	3.59	7.36
Tennessee	607	77,508	163.5	42.9	8.8	1.42	1.94	2.60	1.18	.66	13.77	5.24
<u>Lower South:</u>												
South Carolina	497	105,074	157.8	36.1	4.3	.87	1.27	1.51	.64	.24	6.54	4.95
Georgia	807	104,334	159.6	36.3	5.7	1.19	1.61	2.00	.81	.39	5.47	5.16
Florida	315	24,165	160.0	34.2	6.8	.90	1.31	1.77	.87	.46	5.67	4.60
Alabama	679	83,448	157.2	42.6	6.0	1.34	1.83	2.38	1.04	.55	7.68	9.68
Mississippi	369	27,769	160.1	30.0	4.6	.78	1.12	1.42	.64	.30	2.71	4.42
Louisiana	383	36,875	166.4	40.2	10.7	2.98	3.49	4.08	1.10	.59	8.30	8.69
Arkansas	340	22,588	163.2	34.9	6.5	1.00	1.41	1.80	.80	.39	3.69	6.29
<u>Southwest:</u>												
Oklahoma	225	13,764	164.1	60.4	14.6	4.73	5.48	6.44	1.71	.96	9.55	10.50
Texas	996	69,317	170.0	55.4	15.5	5.54	6.25	7.32	1.78	1.07	9.32	11.43

TABLE 1-A --- AVERAGES PER MAN-HOUR, BY GEOGRAPHIC DISTRICTS AND BY STATES: 1939---Continued

District and State	No. of establishments	Wage earners (average for year)	Average hours per month	Per wage-earner man-hour								Horse-power per wage earner	
				Wage earnings cents	Salary costs, cents	Cost materials	Prime cost	Value products	Value added	Value prod. minus prime cost	Electric energy used, KWH		
Mountain:													
Montana	124	4,938	169.1	64.4	15.8	\$5.77	\$6.57	\$7.91	\$2.14	\$1.34	9.24	10.76	
Idaho	146	7,498	165.5	60.4	8.0	2.32	3.01	3.70	1.38	.69	4.20	23.40	
Wyoming	76	2,327	165.5	73.8	22.2	4.92	5.88	7.32	2.40	1.44	9.61	15.80	
Colorado	262	13,526	164.4	64.5	16.7	3.21	4.02	5.12	1.91	1.10	7.53	14.34	
Utah	114	4,929	177.5	55.9	16.3	8.47	9.19	10.50	2.03	1.31	10.09	14.18	
Nevada	20	654	182.4	72.4	14.8	4.49	5.36	11.09	6.60	5.73	63.37	58.92	
New Mexico	55	1,514	161.9	42.4	12.8	1.75	2.30	2.86	1.11	.56	2.21	7.34	
Arizona	57	2,998	185.9	47.9	14.3	6.25	6.87	7.44	1.19	.57	6.53	12.50	
Pacific:													
Washington	861	56,531	157.3	71.3	11.4	2.15	2.98	3.73	1.58	.75	11.47	12.32	
Oregon	685	42,488	160.6	66.7	9.1	1.43	2.19	2.78	1.35	.59	6.84	9.90	
California	2,193	111,805	165.6	71.6	17.5	4.28	5.17	6.44	2.16	1.27	6.77	9.35	

1/ Biennial-census totals for the 171 selected industries are: Establishments, 59,349; wage earners, 4,732,877; wages, \$5,490,828,907. The portion of the total census for the 171 selected industries covered by the selected man-hour sample of 4,246,118 wage earners, receiving the wage total of \$5,033,113,313, is, therefore, as follows: Wage earners, 89.7 percent; wages, 91.7 percent. The corresponding percentages for the man-hour samples in earlier censuses, based upon wage earners only, are: For 1937, covering 105 selected industries, 91.6 percent; for 1935, covering 59 selected industries, 91.3 percent; and for 1933, covering 32 selected industries, 83.2 percent.

In similar manner, biennial-census totals for 1939 for all manufacturing industries, comprising the totals for the United States, are: Establishments, 184,230; wage earners, 7,886,567; wages, \$9,089,940,916. The portion of the total census for all manufacturing industries covered by the man-hour sample of selected establishments in only 171 selected industries (4,246,118 wage earners receiving wages of \$5,033,113,313) is, therefore, as follows: Wage earners, 53.8 percent; wages, 55.4 percent. Corresponding percentages for the man-hour samples in earlier censuses, based upon wage earners only, are: For 1937, covering 105 selected industries, 48.6 percent; for 1935, covering 59 selected industries, 37.7 percent; and for 1933, covering 32 selected industries, 28.3 percent.

TABLE 2.---AVERAGE MAN-HOURS PER WAGE EARNER, BY MONTHS, BY INDUSTRIES, FOR SELECTED ESTABLISHMENTS IN 171 INDUSTRIES: 1939

[Averages by States and by size of plant for each of the following industries (in the order listed below) are given in Table 4, pages 107 to 171. Aggregates for each item as obtained in the man-hour tabulation (selected establishments) of each industry are given in Table 5, pages 172 to 189. The man-hour tabulations generally do not cover all establishments of an industry; the total number of establishments and wage earners reporting in the Biennial Census are shown for the respective industries in footnotes on Table 3.]

Industry	No. of establishments	Wage earners (average for year)	Monthly average hours per wage earner												For year
			Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	
171 Selected industries 1/	36,337	4,246,118	153	149	167	153	159	162	151	169	162	169	167	160	160.2
Food and tobacco industries (13)	3,380	287,980	157	156	169	161	172	170	165	178	170	172	170	159	166.7
Food industries (10)	2,867	206,415	166	167	176	171	179	175	174	183	177	177	179	170	174.6
Flour and other grain-mill products	833	19,698	176	169	186	180	180	186	182	193	194	186	180	178	182.7
Feeds, prepared, for animals and fowls	576	11,283	174	169	190	179	185	187	181	187	183	178	179	175	180.6
Cereal preparations	51	7,355	164	151	168	169	167	167	162	168	174	158	145	146	162.1
Blended and prepared flour	40	412	167	155	169	159	171	165	159	172	163	168	155	149	162.7
Custom slaughtering, wholesales	32	589	171	166	171	165	161	167	163	166	173	171	175	172	168.3
Meat packing, wholesales	737	108,647	168	175	173	172	185	174	175	186	175	174	180	173	175.9
Sugar, beet	76	9,329	152	159	179	164	170	171	167	197	187	212	214	159	189.2
Sugar refining, cane	27	14,133	146	132	186	153	146	162	156	158	168	157	143	153	155.1
Liquors, distilled	65	3,705	164	156	178	163	170	168	166	164	171	178	173	170	168.6
Liquors, malt	430	31,264	161	157	173	168	175	179	175	182	172	169	169	170	171.2
Tobacco industries (3)	513	81,565	133	130	153	136	154	158	142	164	152	159	148	128	146.6
Cigars	388	45,355	119	127	151	137	150	158	139	158	155	162	155	119	144.5
Cigarettes	35	27,426	150	135	155	134	159	158	147	175	149	153	137	140	149.4
Tobacco (chewing and smoking) and snuff	90	8,784	144	136	155	139	158	157	140	165	145	158	150	136	148.7
Textile mills and apparel (48)	6,818	1,175,104	151	150	166	150	155	156	146	161	158	159	159	151	155.1
Textile mill products (35)	4,382	921,682	154	152	168	152	157	158	147	163	160	162	162	153	157.5
Cotton manufactures (8)	1,357	427,143	157	152	169	154	160	159	147	164	162	163	164	155	158.9
Cotton yarn	281	62,270	153	149	164	150	157	156	147	161	159	160	163	153	156.0
Cotton thread	50	12,635	153	156	181	155	154	156	138	148	152	158	158	152	155.2
Cotton broad woven goods	576	297,778	157	151	167	152	160	159	146	163	160	163	163	154	158.0
Cotton narrow fabrics	118	10,957	158	159	176	160	163	166	151	168	173	167	165	167	164.4
Dyeing and finishing of cotton textiles	186	37,126	166	166	187	169	166	167	155	174	175	170	173	166	169.8
Shade cloth, special finishing of cotton fabric	28	1,008	165	167	186	166	185	177	162	192	172	184	177	164	174.6
Batting, padding, wadding; upholstery filling	79	3,785	154	154	164	162	160	155	152	167	175	168	164	163	161.8
Processed cotton waste---regular factories	39	1,522	163	158	161	151	157	153	151	163	162	162	161	162	158.8
Wool manufactures (9)	813	175,639	150	149	165	145	153	161	146	163	157	160	165	156	155.9
Woolen and worsted manufactures:															
Contract factories	57	5,301	156	147	164	158	158	167	168	159	172	161	166	155	161.0
Regular factories	508	133,911	150	148	162	144	154	162	148	161	157	158	164	157	155.7
Dyeing and finishing of woolen and worsted	47	2,371	152	153	164	157	155	153	161	178	171	174	163	154	161.5
Sponging of woolen and worsted	43	739	151	153	167	152	162	159	159	162	159	163	156	161	158.7
Processed waste and recovered fibers---contract factories	24	573	162	167	155	150	169	172	171	180	182	177	157	165	167.5
Recovered wool fibers---regular factories	50	2,201	167	157	165	155	163	162	165	171	176	175	174	167	167.0
Felt goods (except woven felts and hats)	37	3,346	165	158	176	160	170	172	161	184	166	185	176	164	170.1
Woolen and worsted carpet yarn	10	2,675	145	149	186	140	141	172	134	194	147	159	181	170	160.1
Wool carpets and rugs	37	24,522	148	150	176	142	142	149	122	166	151	161	167	143	151.8
Rayon manufactures (6)	511	88,655	159	156	171	153	159	161	156	168	165	163	164	158	161.0
Rayon throwing and spinning---contract factories	26	2,173	155	147	157	152	136	141	147	166	155	154	145	153	151.2
Rayon yarn and thread---regular factories	43	5,638	160	151	162	139	144	154	156	167	153	159	157	150	154.6
Rayon broad woven goods:															
Contract factories	62	3,656	151	152	161	157	157	163	154	153	153	151	152	158	155.0
Regular factories	146	55,850	159	156	172	153	161	164	157	169	167	164	167	160	162.5
Rayon narrow fabrics	73	4,632	156	164	169	158	162	163	161	165	169	166	168	163	164.0
Dyeing and finishing of rayon and silk textiles	161	16,706	161	160	172	152	159	156	152	168	163	164	160	154	160.1
Silk manufactures (5)	265	31,660	153	150	162	149	145	148	145	161	152	160	157	142	152.1
Silk throwing and spinning---contract factories	62	10,532	145	145	155	143	131	131	135	152	145	156	149	129	143.5
Silk yarn and thread---regular factories	46	8,908	162	155	169	152	149	155	147	165	155	163	161	145	156.7
Silk broad woven goods:															
Contract factories	25	800	150	156	157	164	137	148	154	156	162	155	151	154	153.5
Regular factories	59	7,475	151	149	161	148	151	155	149	166	153	160	160	149	154.4
Silk narrow fabrics	73	3,945	157	153	170	155	160	161	156	168	160	165	162	157	160.4

TABLE 2.—AVERAGE MAN-HOURS PER WAGE EARNER, BY MONTHS, BY INDUSTRIES, FOR SELECTED

ESTABLISHMENTS IN 171 INDUSTRIES: 1939—Continued

Industry	No. of establishments	Wage earners (average for year)	Monthly average hours per wage earner												For year
			Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	
Knit goods (7)	1,436	198,585	150	153	167	153	154	154	146	160	159	161	156	146	155.1
Hosiery, full-fashioned	337	84,361	151	154	172	151	150	147	138	160	161	162	154	141	153.6
Hosiery, seamless	319	49,362	153	154	164	154	160	156	148	156	154	159	157	150	155.4
Knitted cloth	134	9,135	158	162	167	158	159	160	161	168	170	170	167	165	164.0
Knitted gloves	17	3,692	142	146	161	156	150	158	150	156	149	156	154	151	152.8
Knitted outerwear (except knitted gloves):															
Contract factories	166	3,238	134	143	149	144	142	150	153	156	163	155	144	134	148.4
Regular factories	306	15,378	147	155	162	154	160	161	156	164	161	162	152	147	157.0
Knitted underwear	157	33,419	144	149	164	153	154	165	150	161	162	162	160	145	155.9
Apparel (men's clothing) (13)	2,436	253,422	138	142	158	143	146	150	140	154	150	149	146	142	146.6
Work clothing (except work shirts) and sport garments (except leather)	459	46,224	142	144	153	145	155	156	149	159	154	156	148	137	150.1
Trousers (sundress), wash suits, and washable service apparel	169	13,900	146	146	160	152	160	159	149	156	153	145	135	135	149.7
Leather and sheep-lined clothing	61	3,541	133	139	151	149	150	157	162	169	158	170	167	144	156.3
Raincoats and other waterproof garments (except oiled cotton)	35	1,792	127	130	155	132	137	136	150	149	155	158	147	140	144.0
Work shirts	71	12,336	142	147	163	145	154	162	142	163	152	156	150	135	151.4
Men's and boys' shirts (except work shirts), collars, and nightwear:															
Contract factories	106	10,520	128	132	148	141	144	148	135	147	151	151	147	138	142.8
Regular factories	243	45,895	143	145	162	149	151	152	133	158	159	159	157	150	151.6
Men's and boys' underwear—contract factories	10	1,211	161	158	168	160	163	159	154	161	161	187	164	164	163.7
Men's and boys' underwear—regular factories	36	4,850	143	143	161	144	152	156	148	146	139	154	159	146	149.4
Men's neckwear—contract factories	20	681	112	113	129	100	109	117	116	126	125	152	160	126	125.7
Men's neckwear—regular factories	185	6,568	145	149	158	142	146	149	137	152	150	159	160	153	150.5
Men's and boys' suits, coats, and overcoats (except work clothing):															
Contract factories	653	34,392	130	138	154	134	129	126	125	143	142	135	129	131	135.2
Regular factories	388	71,512	136	141	160	141	141	150	141	151	145	141	142	145	144.7
Forest products (15)	9,648	445,589	159	153	168	159	167	168	161	173	168	172	168	158	164.8
Lumber and timber basic products (4)	6,904	288,181	159	150	166	159	168	168	161	172	166	171	166	155	163.6
Logging camps and contractors (not with sawmills)	525	16,796	147	134	149	145	159	158	148	153	152	151	155	134	149.4
Sawmills, veneer mills, and cooperage-stock mills, including those combined with logging camps and with planing mills	4,535	214,599	159	149	164	158	168	167	160	171	165	170	164	153	162.5
Planing mills not with sawmills	1,771	48,000	164	160	174	165	172	176	170	180	175	179	176	167	171.7
Plywood mills	73	8,786	167	161	177	168	174	175	167	179	173	180	181	174	173.3
Wooden containers (4)	611	31,000	150	147	165	156	165	168	159	170	165	167	164	153	161.1
Baskets for fruits and vegetables	110	6,822	141	139	155	154	161	165	164	167	166	163	148	132	156.5
Rattan and willowware (except furniture) and baskets other than vegetable and fruit baskets	31	1,212	154	161	166	173	170	165	167	170	170	166	159	173	166.2
Cigar boxes, wooden or part wooden	47	2,559	121	132	151	136	147	157	148	170	160	160	163	128	148.0
Wooden boxes except cigar boxes	423	20,407	156	151	170	158	169	171	158	172	164	170	168	159	164.0
Furniture (7)	2,133	126,408	160	160	173	161	166	167	162	176	173	178	174	166	168.4
Venetian blinds 2/	86	2,655	167	168	175	173	181	183	177	183	176	186	175	173	176.7
Upholstered household furniture	510	23,103	153	157	169	157	158	158	155	168	167	172	171	164	162.8
Household furniture except upholstered	932	72,421	164	160	171	162	167	166	165	177	174	180	176	166	169.4
Office furniture	99	10,555	165	166	185	168	174	179	158	179	171	177	174	172	172.3
Public-building furniture	76	5,163	158	159	185	164	168	180	154	183	190	181	182	170	173.2
Laboratory, hospital, professional furniture	51	2,389	162	159	173	164	176	174	160	184	176	179	171	170	170.9
Partitions, shelving, cabinet work, fixtures	379	10,132	148	157	170	158	166	170	158	176	167	169	167	162	164.4
Chemical industries, i.e., making or using chemicals, or employing chemical processes (15)	3,213	452,743	160	154	171	159	163	165	155	172	164	172	168	164	164.0
Chemical industries other than rubber (11)	2,778	337,373	164	156	174	162	167	167	161	173	167	175	171	168	167.0
Paper and paperboard mills	530	101,360	167	163	182	172	164	174	166	182	180	188	185	176	175.8
Pulp mills	157	24,301	163	156	171	168	169	165	162	171	176	181	182	177	170.2
Rays and allied products	30	48,332	159	149	168	152	151	160	157	168	152	166	160	162	158.5
Drugs and medicines (including drug grinding)	525	19,075	169	162	178	166	174	175	162	174	171	176	173	169	170.7
Insecticides and fungicides	219	2,590	166	157	179	169	174	172	168	171	168	171	169	169	169.5
Perfumes, cosmetics, and other toilet preparations	216	8,544	160	159	177	156	167	165	157	170	172	177	174	160	166.5
Soap and glycerin	153	13,303	162	156	177	158	170	169	151	176	164	172	166	158	164.9
Cleaning and polishing preparations; blackings, etc.	256	4,075	168	160	182	165	174	168	153	170	168	171	167	160	167.3
Petroleum refining	341	70,934	163	150	168	156	166	162	159	165	156	164	159	161	160.7
Leather: Tanned, etc.—contract factories	88	5,087	164	160	171	158	161	167	146	162	160	158	162	166	161.2
Leather: Tanned, etc.—regular factories	263	39,772	163	157	171	158	164	166	160	171	164	167	163	165	164.1

TABLE 2.---AVERAGE MAN-HOURS PER WAGE EARNER, BY MONTHS, BY INDUSTRIES, FOR SELECTED

ESTABLISHMENTS IN 171 INDUSTRIES: 1939---Continued

Industry	No. of establishments	Wage earners (average for year)	Monthly average hours per wage earner												For year
			Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	
Rubber industries (4)	435	115,370	149	145	162	150	153	158	140	168	157	167	161	152	155.2
Rubber boots and shoes	13	14,861	138	141	159	145	143	151	117	164	152	162	160	154	148.7
Tires and inner tubes	53	54,115	142	136	155	142	145	152	137	163	148	158	153	144	148.2
Reclaimed rubber	10	1,072	162	168	167	178	167	170	150	173	170	196	180	182	172.5
Rubber products not elsewhere classified	359	45,322	160	158	172	161	165	168	149	176	168	177	169	160	165.4
Stone, clay, glass industries (18)	1,664	178,096	154	148	164	155	162	163	156	167	161	169	162	158	160.0
Cement and lime (2)	354	31,552	153	147	168	166	171	171	167	174	167	175	167	162	166.1
Cement	157	23,571	149	144	166	164	168	169	166	172	164	173	164	159	164.1
Lime	197	7,981	163	155	173	172	178	175	169	178	174	179	173	171	172.0
Structural clay products (7)	879	47,031	157	149	164	158	167	170	165	174	167	172	164	157	164.2
Brick and hollow structural tile	539	22,196	158	153	169	167	174	177	171	179	170	171	166	159	168.8
Terra cotta	12	1,099	172	159	191	179	181	182	172	174	175	184	175	164	175.6
Roofing tile	16	628	155	149	131	154	167	171	169	168	161	172	163	155	159.9
Floor and wall tile (except quarry tile)	45	5,350	175	161	177	175	173	178	178	187	179	176	169	160	174.1
Sewer pipe and kindred products	60	6,041	159	152	165	146	166	172	166	169	164	165	161	156	162.0
Clay refractories, including refractory cement	136	10,257	142	133	143	134	146	143	139	155	153	171	160	152	148.7
Clay products (except pottery), n.e.c.	71	1,460	158	158	173	162	170	169	171	176	172	178	167	166	168.8
Pottery and porcelain (5)	209	29,556	160	157	170	159	166	164	158	169	163	170	170	164	164.3
Vitreous-china plumbing fixtures	25	4,534	161	155	176	161	168	172	161	177	168	167	169	170	167.2
Hotel china	14	3,580	145	148	159	153	155	163	149	166	153	161	168	157	156.7
Whiteware	24	10,962	162	159	166	158	161	158	157	162	161	168	165	161	161.7
Porcelain electrical supplies	35	5,284	160	154	173	153	170	169	159	171	165	177	173	166	166.1
Pottery products not elsewhere classified	111	5,196	166	163	180	170	178	166	161	175	169	178	178	168	171.0
Glass (3)	185	65,426	150	144	161	146	154	154	145	159	154	164	155	154	153.4
Flat glass	33	16,621	151	134	152	121	129	133	124	148	148	160	150	150	141.9
Glass containers	69	24,738	155	151	166	161	168	167	164	168	161	171	159	155	162.5
Tableware, and glassware not elsewhere classified	83	24,067	145	145	160	148	155	154	137	156	152	160	153	155	152.0
Nonclay refractories (1)	37	4,531	137	122	149	131	132	139	124	143	146	168	155	153	143.7
Nonferrous metal industries (8)	1,669	122,544	165	160	180	165	172	176	163	181	173	182	179	172	172.8
Primary smelting and refining, nonferrous	39	19,334	170	162	173	168	174	169	169	172	170	177	173	176	171.2
Secondary smelting and refining, nonferrous, n.e.c.	56	2,769	159	157	165	165	169	166	163	173	168	178	165	172	166.9
Aluminum ware, kitchen, hospital, and household (except electrical appliances)	32	6,297	174	168	189	164	172	176	153	185	170	181	181	164	173.1
Aluminum products (including rolling and drawing and extruding), not elsewhere classified	95	16,431	163	154	181	169	176	176	162	178	160	179	174	168	170.4
Alloying and rolling and drawing of nonferrous metals, except aluminum	113	34,926	166	161	185	162	172	183	164	186	182	193	187	176	177.1
Nonferrous metal foundries, except aluminum	349	6,950	153	152	173	156	161	165	154	173	166	177	176	170	165.4
Nonferrous metal products not elsewhere classified	248	21,178	165	161	180	168	169	180	163	185	176	183	180	172	173.9
Sheet metal work not specifically classified	737	14,659	160	158	179	166	176	176	165	179	169	168	176	169	170.2
Iron and steel and their products, including machinery and motor vehicles (54)	9,945	1,584,062	150	143	165	149	155	160	147	171	161	171	171	165	159.5
Iron and steel and their products except machinery and motor vehicles (17)	3,089	663,121	148	141	161	145	153	154	145	165	160	173	171	164	157.4
Iron and steel (3)	471	413,541	145	137	156	140	148	149	141	163	158	174	172	165	154.9
Blast furnace products	78	18,999	156	143	160	151	153	156	160	172	168	182	176	175	163.9
Steel works and rolling mills	241	365,328	145	136	155	139	147	147	140	162	157	173	171	165	154.1
Steel castings	152	29,214	149	142	165	146	157	162	140	164	154	180	178	166	159.7
Iron foundries (3)	1,035	85,319	147	146	166	150	158	159	149	166	161	171	169	163	159.1
Gray-iron and caststeel castings	893	52,488	148	146	166	151	156	157	147	163	161	172	169	168	159.1
Malleable-iron castings	75	17,328	146	145	165	146	153	152	145	168	163	169	171	163	157.9
Cast-iron pipe and fittings	67	15,503	148	144	164	155	169	171	160	172	158	171	168	147	160.7

ESTABLISHMENTS IN 171 INDUSTRIES: 1939---Continued

Industry	No. of establishments	Wage earners (average for year)	Monthly average hours per wage earner												For year
			Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	
Miscellaneous iron and steel products (7) .	1,007	117,903	155	148	168	154	162	164	153	172	167	173	170	161	162.5
Wrought pipe, welded and heavily riveted	40	7,984	150	136	157	148	152	153	147	165	165	171	167	156	156.2
Cold-rolled steel sheets, strips, and bars . . .	43	5,644	158	150	170	149	160	158	147	173	174	187	191	183	167.4
Enamel-iron sanitary ware and other plumbers' supplies (not including pipe and vitreous and semi-vitreous china sanitary ware)	182	23,096	153	150	167	156	164	169	154	176	168	173	170	161	163.5
Steel barrels, kegs, and drums	49	5,804	146	132	158	155	163	161	148	161	159	173	170	156	157.6
Tin cans, other tinware not elsewhere classified	207	29,605	156	147	174	155	169	167	155	174	164	172	161	150	162.3
Wire drawn from purchased rods	85	20,521	154	150	167	152	159	162	153	173	172	176	176	170	164.2
Firework not elsewhere classified	401	25,249	156	151	170	157	159	164	151	168	166	170	169	163	162.3
Metal stamping, enameling, japanning (4) .	576	46,358	157	154	173	157	163	163	155	173	165	172	168	162	163.9
Vitreous enameled products (kitchen utensils, etc.)	45	9,775	147	155	173	150	149	147	146	164	156	167	161	151	155.8
Automobile stampings	75	7,895	155	149	164	154	150	155	156	175	172	171	167	170	162.1
Stamped and pressed metal products (except automobile stampings)	399	27,024	162	156	176	160	172	171	159	178	167	175	171	164	167.7
Enameling, japanning, and lacquering	57	1,664	147	148	166	170	158	161	150	150	149	170	170	160	158.5
Electrical machinery (13)	1,315	240,758	155	150	175	157	163	172	149	171	169	175	172	165	165.0
Batteries, storage and primary (dry and wet) . .	125	13,718	158	151	168	159	161	163	164	177	185	190	167	165	168.1
Carbon products (electrical), etc.	25	3,171	162	154	174	156	172	167	160	177	171	183	177	174	169.4
Insulated wire and cable	64	14,671	153	146	175	151	154	171	146	174	165	171	179	163	162.9
Wiring devices and supplies	112	13,775	168	161	182	164	170	172	159	174	170	183	175	167	170.5
Electrical measuring instruments	37	6,842	153	155	187	158	167	184	159	160	173	170	178	173	168.3
Automotive electrical equipment	60	17,271	163	154	171	145	156	154	146	165	160	169	170	162	159.7
Generating, distributing, and industrial apparatus	338	67,078	149	144	174	158	166	174	156	166	164	171	170	173	164.4
Electrical appliances	91	19,101	153	155	183	156	157	171	144	165	164	168	171	167	163.1
Electric lamps	43	8,224	158	148	175	152	169	163	113	173	156	169	164	157	158.8
Radios, radio tubes, and phonographs	121	39,750	155	150	170	161	164	175	153	179	170	182	180	147	166.2
Communication equipment	151	31,008	152	151	180	156	163	179	132	169	182	178	164	170	165.2
X-ray and therapeutic apparatus, electronic tubes	46	1,837	164	159	193	171	172	181	161	175	172	181	179	176	173.8
Electrical products not elsewhere classified . .	102	4,312	158	157	173	168	175	170	148	176	166	176	175	173	168.4
Machinery other than electrical and motor vehicle (22)	4,717	292,086	160	157	178	162	171	176	162	177	169	178	179	177	170.7
Engines (2)	83	18,517	159	154	179	162	175	175	163	177	166	172	175	169	168.9
Steam engines, turbines, and water wheels	18	3,902	137	139	158	142	159	158	144	164	156	154	169	161	153.7
Internal-combustion engines	65	14,615	165	159	185	167	177	180	168	180	169	177	177	171	173.0
Metal-working machinery (3)	962	71,797	163	161	186	172	181	187	171	191	182	191	195	191	182.0
Machine tools	173	36,016	162	164	192	176	186	192	171	194	188	198	207	196	186.9
Machine-tool accessories, metal-cutting and shaping tools, and machinists' precision tools	650	20,879	161	158	177	169	177	184	176	188	177	183	182	185	177.2
Metal-working machinery and equipment, n.e.c. . .	139	14,902	165	159	187	168	178	182	164	186	175	185	182	186	176.9
Special industrial machinery (7)	846	49,105	162	157	176	163	174	176	164	178	171	180	178	176	171.4
Woodworking machinery	99	3,308	167	163	180	168	176	179	164	184	173	182	178	174	174.2
Paper-mill, pulp-mill, paper-products machinery .	79	4,755	167	162	183	171	180	177	168	182	179	193	191	197	179.7
Food-products machinery	252	12,561	164	160	184	168	177	182	161	178	170	174	173	171	172.0
Commercial laundry, cleaning, pressing machinery	55	2,534	150	155	179	162	173	175	154	166	176	172	169	174	167.2
Oil-field machinery and tools	157	11,433	169	156	174	160	175	175	172	183	174	187	181	176	173.5
Mining machinery and equipment	53	4,830	136	131	149	136	160	163	157	168	161	181	181	179	159.4
Special industrial machinery, n.e.c.	151	9,684	165	166	178	165	171	174	162	178	167	171	174	170	170.1
General industrial machinery (10)	2,826	152,667	159	155	174	158	165	171	157	171	163	171	171	170	165.5
Blowers and exhaust and ventilating fans	40	3,537	149	154	190	159	181	185	153	181	165	161	181	172	169.7
Stokers, mechanical, domestic, and industrial . .	39	3,258	148	143	158	153	157	153	160	170	167	176	165	163	159.9
Mechanical power-transmission equipment	162	28,418	162	156	176	152	161	171	157	180	163	175	184	176	168.2
Industrial machinery not elsewhere classified . .	344	16,953	160	156	179	165	174	175	161	180	169	180	175	172	170.6
Machine-shop products not elsewhere classified .	1,161	49,292	156	153	170	157	165	166	156	173	165	178	172	173	165.6
Machine-shop repairs	706	5,768	166	164	174	169	171	173	167	177	172	174	172	171	170.8
Vending, amusement, other coin-operated machines	28	2,534	158	155	171	161	173	173	155	164	158	171	169	164	164.5
Refrigerators, domestic; refrigerating machinery and equipment; complete air-conditioning units	179	33,089	163	159	178	159	160	175	152	150	150	147	154	160	159.6
Elevators, escalators, and conveyors	123	7,274	151	148	162	160	168	172	162	175	169	171	172	165	165.1
Care and trucks, industrial	44	2,544	154	152	170	159	167	167	150	172	162	178	174	165	164.4
Motor vehicle industries (2)	824	388,097	144	133	156	141	141	150	136	175	153	161	165	160	151.3
Motor vehicles, and bodies, parts, accessories . .	779	386,879	144	133	156	141	141	150	136	175	153	161	165	160	151.3
Automobile trailers (for passenger cars)	45	1,218	157	157	188	178	185	185	168	188	170	176	182	173	176.7

1/ Biennial-census totals for the 171 industries: Establishments, 59,349; wage earners, 4,732,877; wages \$5,490,828,907.

2/ This industry appears out of its proper order in tables 3 and 4, being on pages 48 and 130 in those tables, just following the industry "Plywood mills".

ESTABLISHMENTS IN 171 INDUSTRIES: 1939

District, State, and class	Estab-lish-ments	Wage earners (average for year)	Hours per month	Per wage-earner man-hour								Horse-power per W. E.	
				Wage earnings cents	Salary costs, cents	Cost mate-rials	Prime cost	Value prod-ucts	Value added	V. P. minus P. C.	Electric energy used, kWh		
FLOUR AND OTHER GRAIN-MILL PRODUCTS													
Total for man-hour tabulations	1/833	1/19,698	182.7	55.1	23.0	\$9.95	\$10.73	\$12.76	\$2.81	\$2.03	13.97	20.02	
The North (Districts A, B, C, and D)	435	12,193	179.5	58.3	23.6	10.86	11.68	13.82	2.96	2.14	15.42	20.80	
The South (Districts E, F, and G)	283	4,576	189.1	40.4	20.6	7.89	8.50	10.17	2.28	1.67	8.94	19.35	
The West (District B)	115	2,929	185.7	65.3	24.2	9.53	10.43	12.58	3.05	2.15	16.10	17.81	
By districts and States													
District A—Mass., R. I., and Conn.	2/4	32	168.8	42.8	16.1	8.51	9.10	9.58	1.07	.48	7.40	15.25	
District B, total	94	2,279	187.2	60.8	21.9	12.43	13.26	16.09	3.66	2.83	18.87	22.47	
New York and New Jersey	3/28	1,822	187.8	64.5	23.3	14.02	14.90	18.17	4.15	3.27	22.45	23.11	
Pennsylvania	66	457	184.8	45.9	16.2	5.99	6.61	7.65	1.66	1.04	4.33	19.94	
District C, total	168	3,633	184.1	54.1	27.9	9.21	10.03	11.97	2.76	1.94	12.14	20.09	
Michigan	28	459	190.1	49.4	34.2	7.80	8.63	9.98	2.18	1.35	9.02	17.24	
Ohio	61	838	186.1	53.3	27.9	10.01	10.82	11.91	1.90	1.09	11.63	21.04	
Indiana	43	821	180.2	50.7	35.3	7.86	8.72	11.02	3.16	2.30	9.25	20.38	
Illinois	29	1,210	181.1	59.1	21.0	10.15	10.95	13.64	3.49	2.69	13.93	19.07	
Wisconsin	7	305	192.1	52.9	25.5	9.10	9.88	11.23	2.13	1.35	18.80	25.04	
District D, total	169	6,249	174.1	60.0	21.7	11.27	12.09	14.09	2.82	2.00	16.13	20.62	
Minnesota	35	1,923	174.5	69.3	15.8	11.32	12.18	14.22	2.90	2.04	14.73	24.09	
North Dakota and South Dakota	4/11	265	156.0	46.9	35.9	9.26	10.09	12.22	2.96	2.13	16.51	25.23	
Iowa	10	207	186.0	57.3	19.9	12.39	13.16	16.13	3.74	2.97	14.07	17.15	
Missouri	43	1,426	171.7	61.0	21.9	12.26	13.08	14.78	2.52	1.70	17.90	19.27	
Nebraska	16	338	180.7	51.5	23.7	10.08	10.83	13.24	3.16	2.41	15.05	16.87	
Kansas	54	2,090	175.4	54.1	25.4	10.86	11.66	13.63	2.77	1.97	16.58	18.73	
District E, total	196	2,103	194.0	37.1	19.2	7.11	7.67	8.92	1.81	1.25	7.52	18.44	
Delaware, Maryland, and District of Columbia	5/26	159	206.9	42.4	31.3	8.23	8.97	10.39	2.16	1.42	11.41	26.56	
West Virginia	8	118	169.7	48.7	29.2	6.11	6.89	8.03	1.92	1.14	4.01	20.63	
Virginia	53	380	207.4	34.2	17.0	7.38	7.89	9.01	1.63	1.12	4.91	19.19	
North Carolina	42	452	188.2	31.6	15.6	6.86	7.33	8.10	1.24	.77	8.67	17.98	
Kentucky	34	488	192.7	41.1	16.5	6.86	7.44	8.95	2.09	1.51	9.45	17.19	
Tennessee	33	506	192.0	36.2	20.8	7.16	7.73	9.20	2.04	1.47	6.17	16.41	
District F, total	32	427	187.2	28.0	14.2	6.86	7.28	8.42	1.56	1.14	5.37	17.52	
South Carolina, Georgia, and Florida	6/23	289	181.6	29.9	14.3	7.22	7.66	8.67	1.45	1.01	6.47	19.10	
Alabama, Mississippi, Louisiana, and Arkansas	7/9	138	198.8	24.3	14.0	6.19	6.57	7.95	1.76	1.38	3.28	14.19	
District G, total	55	2,046	184.4	46.5	23.3	8.95	9.65	11.90	2.95	2.25	11.22	20.67	
Oklahoma	19	568	191.0	48.4	24.8	8.56	9.29	11.76	3.20	2.47	12.94	20.83	
Texas	36	1,478	181.8	45.8	22.7	9.10	9.79	11.95	2.85	2.16	10.53	20.60	
District B, total	115	2,929	185.7	65.3	24.2	9.53	10.43	12.58	3.05	2.15	16.10	17.81	
Montana	11	231	187.7	60.9	23.3	8.08	8.92	11.14	3.06	2.22	16.90	19.96	
Wyoming, Colorado, New Mexico, and Arizona	8/26	476	192.8	51.4	26.7	5.59	6.37	7.40	1.81	1.03	7.85	14.90	
Idaho	13	140	182.4	49.5	24.8	5.90	6.64	7.99	2.09	1.35	14.04	20.71	
Utah	17	244	188.3	62.2	17.3	8.01	8.80	10.76	2.75	1.96	17.35	25.09	
Washington	15	817	185.0	70.6	21.1	10.05	10.96	13.25	3.20	2.29	19.25	17.35	
Oregon	15	538	180.6	69.5	20.6	11.90	12.80	14.55	2.65	1.75	17.34	15.11	
California	18	483	184.3	74.4	34.7	12.68	13.77	17.59	4.91	3.82	17.45	18.92	
By size of plant													
1 to 20 wage earners	576	3,669	189.2	41.8	26.4	6.50	7.18	8.55	2.05	1.37	6.01	23.69	
21 to 100	216	9,192	182.6	52.6	25.7	10.03	10.81	12.73	2.70	1.92	12.84	18.07	
101 to 500	41	6,837	179.2	65.9	17.3	11.79	12.62	15.17	3.38	2.55	20.01	20.66	
The North by size of city													
Under 10,000 inhabitants	270	3,448	187.1	47.6	24.4	8.54	9.26	10.79	2.25	1.53	8.66	19.52	
10,000 to 24,999	51	1,717	178.6	50.2	28.5	10.09	10.88	12.84	2.75	1.96	15.09	20.42	
25,000 to 99,999	49	1,660	174.4	58.3	20.5	9.51	10.30	12.96	3.45	2.66	12.41	17.49	
100,000 to 499,999	48	3,182	171.7	69.8	23.6	12.64	13.58	15.50	2.86	1.92	19.18	23.40	
500,000 and over	17	2,186	183.8	66.2	21.1	13.72	14.59	17.76	4.04	3.17	23.60	21.82	
The South by size of city													
Under 10,000 inhabitants	192	1,404	191.9	35.5	19.5	6.34	6.89	8.27	1.93	1.38	6.31	21.46	
10,000 to 24,999	38	967	190.3	39.8	22.3	8.15	8.77	10.20	2.05	1.43	9.38	16.34	
25,000 to 99,999	30	909	183.8	41.5	22.9	7.86	8.51	10.45	2.59	1.94	9.12	19.16	
100,000 and over	2/23	1,296	188.7	45.4	18.8	9.41	10.05	12.05	2.64	2.00	11.37	19.43	
The West by size of city													
Under 10,000 inhabitants	66	748	181.4	55.5	25.0	7.66	8.46	9.84	2.18	1.38	12.73	19.84	
10,000 to 24,999	15	479	183.2	66.6	21.0	10.50	11.38	14.70	4.20	3.32	16.63	16.41	
25,000 to 99,999	11	324	188.8	62.6	27.8	9.09	10.00	12.18	3.09	2.18	19.30	22.19	
100,000 to 499,999	15	1,105	188.8	69.7	18.3	9.91	10.79	12.80	2.89	2.01	17.49	15.74	
500,000 and over	8	273	185.6	74.8	47.4	11.90	13.12	15.86	3.96	2.74	14.61	17.90	

1/ Biennial census totals for the industry: Establishments, 2,143; wage earners, 24,771; wages, \$28,369,796.

2/ Mass., 2 estab.; R. I., 1; Conn., 1.

3/ N. Y., 25 estab.; N. J., 3.

4/ N. Dak., 7 estab.; S. Dak., 4.

5/ Del., 7 estab.; Md., 18; D. C., 1.

6/ S. C., 9 estab.; Ga., 12; Fla., 2.

7/ Ala., 2 estab.; Miss., 2; La., 1; Ark., 4.

8/ Wyo., 3 estab.; Colo., 17; N. Mex., 2; Ariz., 4.

9/ 100,000-499,999 group, 22 estab.; "500,000 and over" group, 1.

TABLE 3.—AVERAGES PER MAN-HOUR, BY DISTRICTS AND STATES AND BY SIZE CLASSES, FOR SELECTED

ESTABLISHMENTS IN 171 INDUSTRIES: 1939—Continued

District, State, and class	Estab-lish-ments	Wage earners (average for year)	Hours per month	Per wage-earner man-hour								Horse-power per W. E.
				Wage earnings cents	Salary costs, cents	Cost materials	Prime cost	Value prod-ucts	Value added	V. P. minus P. C.	Electric energy used, kWh	
PREPARED FEEDS (INCLUDING MINERAL) FOR ANIMALS AND FOWLS												
Total for man-hour tabulations	1/576	1/11,283	180.6	50.9	24.3	\$10.02	\$10.77	\$13.11	\$3.09	\$2.34	6.27	17.44
The North (Districts A, B, C, and D)	304	6,561	182.5	55.1	28.4	11.30	12.13	14.72	3.42	2.59	7.17	18.43
The South (Districts E, F, and G)	122	2,496	185.0	35.3	18.8	7.87	8.41	10.14	2.27	1.73	4.39	14.77
The West (District H)	150	2,226	169.9	56.6	17.8	8.61	9.36	11.66	3.05	2.30	5.72	17.54
By districts and States												
District A, total	29	569	182.0	54.4	35.9	14.61	15.51	17.79	3.18	2.28	4.12	13.17
Maine, New Hampshire, and Vermont	2/17	296	187.2	53.0	28.8	16.37	17.19	19.48	3.11	2.29	4.59	15.09
Massachusetts and Connecticut	3/12	273	176.4	56.0	44.1	12.58	13.58	15.84	3.26	2.26	3.58	11.08
District B, total	99	2,492	185.4	58.8	28.7	14.17	15.05	17.23	3.06	2.18	7.17	14.40
New York	48	1,764	182.2	64.7	31.7	16.78	17.74	20.25	3.47	2.51	8.67	15.11
New Jersey	12	250	185.6	49.0	24.0	6.70	7.43	9.28	2.58	1.85	2.23	6.33
Pennsylvania	39	478	196.8	43.5	20.9	8.95	9.59	10.84	1.89	1.25	4.47	15.99
District C, total	88	2,068	182.5	54.5	27.3	9.13	9.95	12.91	3.78	2.96	7.02	21.32
Michigan	10	79	179.0	51.4	42.1	3.36	4.29	6.13	2.77	1.84	3.39	21.72
Ohio	28	724	180.2	54.8	23.4	9.56	10.35	13.09	3.53	2.74	7.91	18.19
Indiana	14	177	182.8	47.3	20.8	8.20	8.88	11.83	3.63	2.95	4.54	22.71
Illinois	27	1,011	183.5	55.8	28.9	9.62	10.47	13.67	4.05	3.20	7.52	24.11
Wisconsin	9	77	193.4	54.6	40.7	6.82	7.78	10.72	3.90	2.94	1.68	10.60
District D, total	88	1,432	177.7	49.3	26.5	7.92	8.68	11.58	3.66	2.90	8.65	23.34
Minnesota	15	171	174.5	55.4	34.0	7.40	8.30	10.57	3.17	2.27	6.46	16.47
Iowa	21	248	180.6	49.0	38.0	7.14	8.01	11.01	3.87	3.00	6.60	21.28
Missouri	24	545	176.7	55.7	21.7	10.79	11.57	15.98	5.19	4.41	11.07	28.62
Nebraska	13	188	179.8	42.0	16.5	5.80	6.39	7.78	1.98	1.39	8.07	25.97
Kansas	15	280	177.7	38.3	27.9	4.85	5.51	6.79	1.94	1.28	7.51	17.34
District E, total	48	1,183	183.5	36.2	17.2	8.47	9.00	10.93	2.46	1.93	3.81	12.11
Delaware, Maryland, and West Virginia	4/19	354	185.9	41.9	14.6	9.44	10.00	11.60	2.16	1.60	4.58	11.75
Virginia and North Carolina	5/14	245	168.0	32.8	15.2	7.58	8.06	9.94	2.36	1.88	2.95	10.36
Kentucky and Tennessee	6/15	584	188.6	34.1	19.5	8.21	8.75	10.89	2.68	2.14	3.66	13.05
District F, total	35	720	185.1	31.0	23.9	7.41	7.96	9.21	1.80	1.25	4.14	15.57
South Carolina, Georgia, Florida, and Alabama	7/22	453	186.0	30.1	19.5	5.95	6.44	7.48	1.53	1.04	4.31	14.59
Mississippi and Louisiana	8/7	159	179.4	33.8	22.8	11.22	11.78	13.88	2.66	2.10	3.49	17.86
Arkansas	6	108	189.5	31.0	43.5	8.11	8.86	9.83	1.72	.97	4.38	16.32
District G, total	39	593	187.9	38.8	15.8	7.26	7.80	9.69	2.48	1.89	5.83	19.09
Oklahoma	12	184	194.6	40.0	11.2	5.55	6.06	7.93	2.38	1.87	3.55	16.96
Texas	27	409	184.9	38.2	18.0	8.07	8.63	10.53	2.46	1.90	6.91	20.05
District H, total	150	2,226	169.9	56.6	17.8	8.61	9.36	11.66	3.05	2.30	5.72	17.54
Montana, Idaho, Utah, and Nevada	9/13	143	171.5	48.1	13.5	6.99	7.61	9.33	2.34	1.72	5.71	14.55
Colorado, New Mexico, and Arizona	10/25	367	143.5	39.3	21.1	4.02	4.62	6.10	2.08	1.48	8.20	23.82
Washington	29	344	177.1	54.2	10.7	10.14	10.79	13.04	2.90	2.25	4.29	17.98
Oregon	24	232	177.4	53.3	28.0	8.15	8.97	10.25	2.10	1.28	4.80	15.25
California	59	1,140	174.4	63.7	17.4	9.66	10.47	13.29	3.63	2.82	5.69	16.24
By size of plant												
1 to 20 wage earners	428	3,284	179.7	44.6	27.2	7.39	8.11	9.93	2.54	1.82	5.15	19.64
21 to 100	132	5,706	178.0	49.5	24.0	9.44	10.17	12.59	3.15	2.42	5.83	16.29
101 to 500	16	2,293	188.2	62.8	20.9	14.99	15.83	18.70	3.71	2.87	8.86	17.16
The North by size of city												
Under 10,000 inhabitants	142	1,976	190.1	46.2	25.6	9.41	10.13	12.39	2.98	2.26	5.84	17.07
10,000 to 24,999	32	513	181.8	54.8	31.1	13.34	14.19	16.34	3.00	2.15	8.79	16.56
25,000 to 99,999	41	1,138	185.0	50.5	34.9	9.37	10.23	12.82	3.45	2.59	5.37	21.34
100,000 to 499,999	44	1,066	176.5	59.3	31.9	10.94	11.86	14.55	3.61	2.69	7.70	18.94
500,000 and over	45	1,868	176.6	65.7	24.6	14.30	15.20	18.22	3.92	3.02	9.08	18.31
The South by size of city												
Under 10,000 inhabitants	32	357	177.4	31.2	13.9	4.39	4.84	5.89	1.50	1.05	3.06	12.88
10,000 to 24,999	10	206	175.3	34.1	23.2	6.81	7.39	8.54	1.73	1.15	4.99	16.02
25,000 to 99,999	30	586	187.8	32.6	20.1	7.81	8.34	9.59	1.78	1.25	3.97	15.05
100,000 to 499,999	41	1,169	188.9	36.8	18.8	8.66	9.22	11.43	2.77	2.21	4.80	15.20
500,000 and over	9	178	176.5	44.6	19.1	10.74	11.38	13.33	2.59	1.95	5.07	13.30
The West by size of city												
Under 10,000 inhabitants	73	886	160.1	50.4	15.9	6.66	7.32	9.14	2.48	1.82	7.03	16.81
10,000 to 24,999	14	92	177.2	53.8	22.5	7.20	7.96	9.51	2.31	1.55	7.39	20.93
25,000 to 99,999	16	241	162.7	56.6	12.0	9.30	9.99	13.82	4.52	3.83	5.30	13.62
100,000 to 499,999	31	739	178.7	60.2	19.6	9.36	10.16	12.46	3.10	2.30	4.23	17.97
500,000 and over	16	268	181.5	66.2	21.2	12.19	13.06	15.80	3.61	2.74	5.73	21.16

1/ Biennial-census totals for the industry: Establishments, 1,383; wage earners, 15,401; wages, \$16,252,988.
2/ Mo., 1 estab.; N. H., 4; Vt., 12. 3/ Mass., 9 estab.; Conn., 3. 4/ Del., 4 estab.; Md., 14; W. Va., 1.
5/ Va., 10 estab.; N. C., 4. 6/ Ky., 5 estab.; Tenn., 10. 7/ S. C., 6 estab.; Ga., 7; Fla., 6; Ala., 3.
8/ Miss., 2 estab.; La., 5. 9/ Mont., 3 estab.; Idaho, 2; Utah, 7; Nev., 1.
10/ Colo., 20 estab.; N. Mex., 2; Ariz., 3.
3-31629

TABLE 3,---AVERAGES PER MAN-HOUR, BY DISTRICTS AND STATES AND BY SIZE CLASSES, FOR SELECTED

ESTABLISHMENTS IN 171 INDUSTRIES: 1939---Continued

District, State, and class	Estab-lish-ments	Wage earners (average for year)	Hours per month	Per wage-earner man-hour								Horse-power per W. E.
				Wage earnings cents	Salary costs, cents	Cost mate-rials	Prime cost	Value prod-ucts	Value added	V. P. minus P. C.	Electric energy used, KWH	
CEREAL PREPARATIONS												
Total for man-hour tabulations	1/51	1/7,355	162.1	68.5	19.1	\$4.00	\$4.88	\$8.89	\$4.89	\$4.01	8.18	10.33
The North (Districts A and B)	37	7,148	161.5	68.7	19.0	4.01	4.89	8.83	4.82	3.94	8.31	10.37
The West (District C)	14	207	182.8	62.9	22.4	3.77	4.63	10.71	6.94	6.08	4.29	8.68
By districts and States												
District A, total	18	4,820	160.8	73.6	19.7	3.57	4.51	8.88	5.31	4.37	8.46	9.19
Vt., Mass., N. Y., N. J., and Pa.	2/11	1,070	158.9	59.5	14.9	1.90	2.64	6.49	4.59	3.85	3.55	6.14
Michigan, Ohio, and Illinois	3/7	3,750	161.3	77.5	21.1	4.04	5.03	9.55	5.51	4.52	9.84	10.06
District B, total	19	2,328	162.9	58.6	17.5	4.91	5.67	8.74	3.83	3.07	8.01	12.83
Minnesota and Iowa	4/10	1,442	162.8	62.2	18.6	5.27	6.08	10.06	4.79	3.98	8.29	14.54
Nebraska, Missouri, Louisiana, and Texas	5/9	886	163.2	52.9	15.9	4.33	5.02	6.59	2.26	1.57	7.55	10.05
District C---Wash., Ore., and Calif.	6/14	207	182.8	62.9	22.4	3.77	4.63	10.71	6.94	6.08	4.29	8.68
By size of plant												
1 to 20 wage earners	22	137	158.9	43.6	39.3	2.05	2.88	4.64	2.59	1.76	1.57	5.74
21 to 100	13	718	165.8	59.2	25.2	3.09	3.93	9.13	6.04	5.20	3.42	5.79
101 to 500	12	2,675	165.4	60.0	12.8	3.79	4.52	7.23	3.44	2.71	7.09	9.00
501 to 2,500	4	3,825	159.1	77.4	21.8	4.41	5.40	10.21	5.80	4.81	10.14	12.27
The North by size of city												
Under 10,000 inhabitants	3	410	152.6	53.2	14.6	2.52	3.20	3.96	1.44	.76	5.05	8.38
10,000 to 99,999	7/15	5,027	156.9	71.2	19.9	3.73	4.64	9.04	5.31	4.40	8.86	10.89
100,000 to 499,999	12	1,081	175.2	66.0	22.9	5.28	6.17	9.98	4.70	3.81	7.35	10.48
500,000 and over	7	630	179.9	64.0	8.7	4.68	5.41	8.16	3.48	2.75	7.84	7.34
1/ Biennial-census totals for the industry: Establishments, 70; wage earners, 7,458; wages, \$9,856,757.												
2/ Vt., 1 estab.; Mass., 1; N. Y., 4; N. J., 2; Pa., 3.												
3/ Mich., 4 estab.; Ohio, 1; Ill., 2.												
4/ Minn., 5 estab.; Iowa, 5.												
5/ Nebr., 2 estab.; Mo., 5; La., 1; Tex., 1.												
6/ Wash., 3 estab.; Ore., 2; Calif., 9.												
7/ 10,000-24,999 group, 2 estab.; 25,000-99,999 group, 13.												

BLENDED AND PREPARED FLOUR MADE FROM PURCHASED FLOUR												
Total for man-hour tabulations	1/40	1/412	162.7	38.0	33.5	8.73	9.44	11.14	2.41	1.70	1.34	5.85
The North (First 2 groups of States below)	10	83	167.1	56.3	64.4	6.96	8.17	10.63	3.67	2.46	.95	7.04
The South (3rd group)	25	312	163.0	31.7	25.0	9.30	9.87	11.28	1.98	1.41	1.48	5.65
The West (4th group)	5	17	136.9	64.8	33.7	6.73	7.72	11.13	4.40	3.41	.83	3.76
By districts and States												
New York	5	52	164.6	57.5	53.9	6.31	7.42	9.42	3.11	2.00	.79	6.13
Michigan, Illinois, Iowa, and Missouri	2/5	31	171.5	54.3	81.7	8.04	9.40	12.63	4.59	3.23	1.19	8.55
Md., N. C., Tenn., S. C., Ga., Fla., Ala., Miss., La., Tex.	3/25	312	163.0	31.7	25.0	9.30	9.87	11.28	1.98	1.41	1.48	5.65
Washington and California	4/5	17	136.9	64.8	33.7	6.73	7.72	11.13	4.40	3.41	.83	3.76
By size of plant												
1 to 20 wage earners	34	230	154.3	42.9	40.4	9.37	10.20	12.00	2.63	1.80	1.41	6.80
21 to 100	6	182	173.4	32.4	25.6	8.01	8.59	10.17	2.16	1.58	1.28	4.65
The South by size of city												
Under 10,000 inhabitants	4	55	192.4	27.5	21.8	7.98	8.47	10.20	2.22	1.73	1.73	9.33
10,000 to 99,999	5/8	79	130.3	35.8	23.8	11.69	12.28	13.44	1.75	1.16	1.45	5.65
100,000 to 499,999	13	178	168.4	31.9	26.5	8.95	9.54	10.92	1.97	1.38	1.40	4.52
1/ Biennial-census totals for the industry: Establishments, 78; wage earners, 706; wages \$593,196.												
2/ Mich., 1 estab.; Ill., 1; Iowa, 1; Mo., 2.												
3/ Md., 1 estab.; N. C., 1; Tenn., 7; S. C., 2; Ga., 4; Fla., 2; Ala., 3; Miss., 2; La., 2; and Tex., 1.												
4/ Wash., 1 estab.; Calif., 4.												
5/ 10,000-24,999 group, 2 estab.; 25,000-99,999 group, 6.												

CUSTOM SLAUGHTERING, WHOLESALE												
Total for man-hour tabulations	1/32	1/589	168.3	52.9	16.2	.39	1.08	1.50	1.11	.42	4.75	8.57
The North (First 2 groups of States below)	12	186	171.3	61.5	17.1	.25	1.03	1.71	1.46	.68	5.88	10.08
The South (3rd, 4th, and 5th groups)	17	334	171.0	41.9	16.8	.49	1.08	1.31	.82	.23	4.10	7.40
The West (6th group)	3	69	147.4	88.1	10.2	.23	1.21	1.86	1.63	.65	4.88	10.22
By districts and States												
Vermont, Connecticut, and Pennsylvania	2/4	81	173.1	57.4	9.7	.21	.88	1.69	1.48	.81	9.63	14.89
Michigan, Ohio, Indiana, Illinois, and Wisconsin	3/8	105	169.9	64.7	22.9	.28	1.15	1.73	1.45	.58	2.95	6.36
Virginia, North Carolina, South Carolina, Georgia	4/7	87	166.6	39.2	20.5	.21	.81	1.05	.84	.24	4.56	5.23
Tennessee and Louisiana	5/4	176	171.2	42.1	18.9	.77	1.38	1.66	.89	.28	3.75	7.31
Texas	6	71	176.1	44.4	7.6	.15	.67	.77	.62	.10	4.39	10.25
Oregon and California	6/3	69	147.4	88.1	10.2	.23	1.21	1.86	1.63	.65	4.88	10.22
By size of plant												
1 to 20 wage earners	24	237	169.1	52.8	19.1	.22	.94	1.34	1.12	.40	5.06	7.60
21 to 100	8	352	167.8	53.0	14.3	.50	1.17	1.60	1.10	.43	4.54	9.23
The North by size of city												
Under 500,000 inhabitants	7/5	32	183.3	57.7	17.8	.42	1.17	2.22	1.80	1.05	3.02	11.16
500,000 and over	7	154	168.8	62.3	16.9	.21	1.01	1.60	1.39	.59	6.53	9.85
The South by size of city												
Under 100,000 inhabitants	8/9	102	174.3	40.7	11.7	.18	.71	.92	.74	.21	5.28	9.11
100,000 to 499,999	8	232	169.6	42.4	19.1	.63	1.24	1.48	.85	.24	3.57	6.64

TABLE 3.--AVERAGES PER MAN-HOUR, BY DISTRICTS AND STATES AND BY SIZE CLASSES, FOR SELECTED

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ESTABLISHMENTS IN 171 INDUSTRIES: 1939---Continued

District, State, and class	Estab-lish-ments	Wage sarners (average for year)	Hours per month	Per wage-earner man-hour							V. P. minus P. C.	Electric energy used, KWH	Horse-power per W. E.
				Wage earnings cents	Salary costs, cents	Cost mate-rials	Prime cost	Value prod-ucts	Value added				
CUSTOM SLAUGHTERING, WHOLESALE---Continued													
1/ Biennial-census totals for the industry: Establishments, 40; wage sarners, 641; wages, \$688,864.													
2/ Vt., 1 stab.; Conn., 1; Pa., 2.													
3/ Mich., 1 stab.; Ohio, 2; Ind., 2; Ill., 2; Wis., 1.													
4/ Va., 2 stab.; N. C., 1; S. C., 1; Ga., 3.													
5/ Tenn., 2 stab.; La., 2.													
6/ "Under 10,000" group, 2 stab.; 25,000-99,999 group, 1; 100,000-499,999 group, 2.													
7/ "Under 10,000" group, 2 stab.; 10,000-24,999 group, 2; 25,000-99,999 group, 5.													
8/ "Under 10,000" group, 2 stab.; 10,000-24,999 group, 2; 25,000-99,999 group, 5.													
MEAT PACKING, WHOLESALE													
Total for man-hour tabulations	1/737	1/108,647	175.9	64.9	15.1	\$8.68	\$9.48	\$10.32	\$1.64	\$.84	3.18	5.18	
The North (Districts A, B, C, and D)	433	87,487	175.4	67.2	14.6	8.76	9.58	10.42	1.66	.84	3.09	5.11	
The South (Districts E, F, and G)	155	13,097	178.8	48.8	15.2	7.16	7.80	8.64	1.48	.84	3.38	5.17	
The West (District H)	149	8,063	176.4	66.4	20.1	10.37	11.23	12.10	1.73	.87	3.79	6.02	
By districts and States													
District A, total	22	1,976	173.4	76.5	17.7	7.99	8.93	9.38	1.39	.45	2.61	5.21	
Maine, New Hampshire, and Vermont	2/5	109	196.8	40.1	23.9	6.54	7.18	7.81	1.27	.63	1.47	2.83	
Massachusetts, Rhode Island, and Connecticut	3/17	1,867	172.0	79.0	17.3	8.08	9.04	9.48	1.40	.44	2.68	5.35	
District B, total	122	11,954	175.9	70.1	17.3	9.48	10.35	11.34	1.86	.99	2.47	4.10	
New York	52	5,357	176.5	73.2	18.2	10.55	11.46	12.66	2.11	1.20	2.52	4.20	
New Jersey	15	2,833	177.4	70.3	15.6	10.22	11.07	11.70	1.48	.63	2.50	3.93	
Pennsylvania	55	3,764	174.0	65.3	17.4	7.36	8.19	9.16	1.80	.97	2.36	4.06	
District C, total	190	36,092	177.5	66.3	15.5	8.03	8.85	9.63	1.60	.78	3.05	4.86	
Michigan	24	1,632	185.4	64.3	6.9	9.06	9.77	10.24	1.18	.47	1.79	3.50	
Ohio	64	4,692	177.1	59.7	19.2	8.06	8.85	9.62	1.56	.77	2.40	4.74	
Indiana	33	3,527	178.9	59.2	12.4	6.87	7.58	8.34	1.47	.76	3.73	5.82	
Illinois	52	22,857	176.4	69.0	15.7	8.04	8.88	9.66	1.62	.78	3.11	4.85	
Wisconsin	17	3,384	180.7	66.2	17.1	8.65	9.48	10.48	1.83	1.00	3.48	4.80	
District D, total	99	37,465	173.4	66.7	12.7	9.29	10.09	10.95	1.66	.86	3.35	5.66	
Minnesota, North Dakota, and South Dakota	4/20	11,321	169.9	71.6	12.1	9.33	10.17	11.32	1.99	1.15	2.89	4.20	
Iowa	20	10,562	178.5	62.6	11.5	9.23	9.97	10.87	1.64	.90	2.90	3.10	
Missouri	20	4,109	172.8	70.6	20.4	9.44	10.35	11.10	1.66	.75	3.47	6.66	
Nebraska	14	4,589	152.1	75.5	14.1	12.09	12.98	13.70	1.61	.72	5.55	7.19	
Kansas	25	6,884	173.9	62.3	10.8	8.27	9.00	9.54	1.27	.54	3.68	10.37	
District E, total	71	5,142	183.3	45.1	14.9	6.79	7.39	8.26	1.47	.87	2.16	4.31	
Del., Md., D. C., and W. Va.	5/31	1,984	189.9	46.1	14.1	6.52	7.12	8.06	1.54	.94	1.71	4.28	
Virginia and North Carolina	6/18	897	168.6	42.5	11.5	5.78	6.32	6.92	1.14	.60	2.55	3.95	
Kentucky	10	882	186.8	45.8	17.1	7.89	8.52	9.46	1.57	.94	2.36	5.08	
Tennessee	12	1,379	181.3	44.6	16.6	7.06	7.68	8.57	1.51	.89	2.46	4.07	
District F, total	36	2,656	180.0	41.1	13.5	6.29	6.84	7.52	1.23	.68	3.24	4.49	
South Carolina, Georgia, and Florida	7/19	1,980	179.7	40.7	12.6	5.63	6.16	6.89	1.26	.73	2.91	3.98	
Alabama and Mississippi	8/9	443	178.8	42.7	11.7	7.85	8.39	8.86	1.01	.47	4.18	4.91	
Louisiana and Arkansas	9/8	233	184.4	42.0	24.6	8.93	9.60	10.28	1.35	.68	4.21	7.98	
District G, total	48	5,299	173.9	56.6	16.5	7.99	8.72	9.60	1.61	.88	4.70	6.36	
Oklahoma	10	1,790	173.0	56.6	12.2	6.12	6.81	7.77	1.65	.96	3.29	4.55	
Texas	38	3,509	174.3	56.5	18.7	8.93	9.68	10.52	1.59	.84	5.41	7.28	
District H, total	149	8,063	176.4	66.4	20.1	10.37	11.23	12.10	1.73	.87	3.79	6.02	
Montana, Idaho, and Wyoming	10/17	354	188.8	53.8	21.5	7.04	7.79	8.60	1.56	.81	3.30	7.11	
Colorado	12	1,366	172.8	60.9	27.4	8.50	9.38	10.24	1.74	.86	3.75	5.15	
Utah and Nevada	11/11	301	168.5	72.7	21.3	13.08	14.02	14.80	1.72	.78	5.52	10.94	
New Mexico and Arizona	12/13	375	190.2	47.5	21.0	7.98	8.66	9.26	1.28	.60	6.08	8.26	
Washington	22	1,133	179.1	60.2	15.5	8.02	8.78	9.56	1.54	.78	3.83	8.11	
Oregon	16	553	169.9	71.7	19.8	9.29	10.21	10.86	1.57	.65	4.76	9.66	
California	58	3,981	176.1	71.9	18.8	12.18	13.09	14.06	1.88	.97	3.35	4.54	
By size of plant													
1 to 20 wage earners	333	2,674	182.9	53.1	19.9	10.79	11.52	12.76	1.97	1.24	3.17	7.34	
21 to 100	223	10,262	180.2	56.7	20.9	9.69	10.46	11.56	1.87	1.10	3.18	5.14	
101 to 500	128	29,303	177.4	63.5	17.4	8.62	9.43	10.20	1.58	.77	2.80	4.75	
501 to 2,500	48	47,177	174.5	66.3	13.1	8.77	9.56	10.22	1.45	.66	3.51	5.90	
2,501 and over	5	19,231	173.9	69.9	12.5	7.71	8.54	9.72	2.01	1.18	2.95	3.81	
The North by size of city													
Under 10,000 inhabitants	66	2,355	184.3	55.6	12.1	9.18	9.86	10.68	1.50	.82	3.15	4.46	
10,000 to 24,999	53	10,862	169.3	70.7	12.5	9.12	9.96	11.14	2.02	1.18	2.71	4.00	
25,000 to 99,999	69	17,515	179.3	62.5	13.5	8.42	9.18	10.06	1.64	.88	2.94	4.09	
100,000 to 499,999	96	21,582	174.6	65.5	14.2	9.03	9.82	10.47	1.44	.65	3.60	7.09	
500,000 and over	149	35,173	175.3	70.4	16.2	8.64	9.50	10.33	1.69	.83	2.96	4.78	
The South by size of city													
Under 10,000 inhabitants	31	690	185.7	33.8	13.8	6.23	6.70	7.52	1.29	.82	2.22	4.23	
10,000 to 24,999	23	1,106	184.0	42.2	11.4	5.72	6.26	7.06	1.34	.80	3.40	5.31	
25,000 to 99,999	34	1,431	186.3	35.6	16.6	6.88	7.41	8.27	1.39	.86	3.35	5.61	
100,000 to 499,999	50	8,451	173.9	53.6	16.2	7.54	8.24	9.05	1.51	.81	3.77	5.41	
500,000 and over	17	1,419	193.0	47.6	12.5	6.88	7.48	8.46	1.58	.98	1.82	3.69	
3-31629													

TABLE 3.—AVERAGES PER MAN-HOUR, BY DISTRICTS AND STATES AND BY SIZE CLASSES, FOR SELECTED

ESTABLISHMENTS IN 171 INDUSTRIES: 1939—Continued

District, State and class	Estab-lish-ments	Wage earners (average for year)	Hours per month	Per wage-earner man-hour								Horse-power per W. E.	
				Wage earnings cents	Salary costs, cents	Cost materials	Prime cost	Value products	Value added	V. P. minus P. C.	Electric energy used, kWh		
MEAT PACKING, WHOLESALE---Continued													
The West by size of city													
Under 10,000 inhabitants	39	315	177.5	59.6	16.6	\$12.51	\$13.27	\$14.59	\$2.08	\$1.32	3.85	8.25	
10,000 to 24,999	24	454	187.0	57.5	18.2	8.28	9.04	9.83	1.55	.79	3.45	5.76	
25,000 to 99,999	25	932	179.9	58.7	20.4	9.27	10.06	11.09	1.82	1.03	4.54	7.87	
100,000 to 499,999	35	3,077	174.9	65.9	22.1	9.55	10.43	11.21	1.66	.78	4.12	6.92	
500,000 and over	26	3,285	175.4	71.0	18.9	11.54	12.44	13.32	1.78	.88	3.31	4.47	
1/ Biennial-census totals for the industry: Establishments, 1,478; wage earners, 119,853; wages, \$161,523,772.													
2/ Me., 3 estab.; N. H., 1; Vt., 1. 3/ Me., 12 estab.; R. I., 3; Conn., 2. 4/ Minn., 10 estab.; N. Dak., 3; S. Dak., 7.													
5/ Del., 4 estab.; Md., 20; D. C., 2; W. Va., 5. 6/ Va., 13 estab.; N. C., 5. 7/ S. C., 5 estab.; Ga., 10; Fla., 4.													
8/ Ala., 6 estab.; Miss., 3. 9/ La., 5 estab.; Ark., 3. 10/ Mont., 8 estab.; Idaho, 5; Wyo., 4.													
11/ Utah, 8 estab.; Nev., 3. 12/ N. Mex., 2 estab.; Ariz., 11.													
BEEF SUGAR													
Total for man-hour tabulations	1/76	1/9,329	189.2	52.6	13.1	3.71	4.37	5.90	2.19	1.53	6.60	20.91	
The North (First 2 groups of States below)	24	2,652	191.8	45.5	13.2	3.17	3.75	4.79	1.62	1.04	5.91	21.25	
The West (3rd, 4th, and 5th groups)	52	6,677	188.2	55.5	13.0	3.93	4.62	6.35	2.42	1.73	6.87	20.78	
By districts and States													
Michigan, Ohio, Indiana, and Wisconsin	2/12	1,407	194.0	39.9	11.3	2.66	3.17	4.32	1.66	1.15	4.00	14.35	
Minnesota, Iowa, South Dakota, Nebraska, and Kansas	3/12	1,245	189.4	52.0	15.5	3.75	4.43	5.33	1.58	.90	8.12	29.04	
Montana, Wyoming, and Colorado	4/27	2,980	177.7	57.9	17.9	4.07	4.83	6.03	1.96	1.20	6.78	24.04	
Utah, Idaho, Washington, and Oregon	5/15	1,747	190.9	44.1	10.8	3.10	3.65	5.27	2.17	1.62	5.61	15.91	
California	10	1,950	202.0	62.0	8.3	4.45	5.15	7.69	3.24	2.54	8.06	20.14	
By size of plant													
21 to 100 wage earners	26	2,094	181.6	52.0	18.9	3.55	4.26	5.39	1.84	1.13	5.31	25.21	
101 to 2,500	6/50	7,235	191.5	52.8	11.5	3.76	4.40	6.04	2.28	1.64	6.95	19.67	
The North by size of city													
Under 10,000 inhabitants	16	1,652	188.1	44.2	12.4	3.22	3.78	4.83	1.61	1.05	6.49	23.67	
10,000 to 24,999	3	355	192.8	52.7	12.8	3.41	4.06	4.92	1.51	.86	3.84	20.07	
25,000 to 99,999	5	645	200.9	45.0	15.3	2.93	3.54	4.64	1.71	1.10	5.61	15.69	
The West by size of city													
Under 10,000 inhabitants	45	5,808	189.9	54.9	12.6	3.85	4.53	6.22	2.37	1.69	7.12	20.60	
10,000 to 99,999	7/7	869	177.3	59.8	15.8	4.48	5.24	7.25	2.77	2.01	5.11	21.98	
1/ Biennial-census totals for the industry: Establishments, 85; wage earners, 10,410; wages, \$12,361,317.													
2/ Mich., 9 estab.; Ohio, 1; Ind., 1; Wis., 1. 3/ Minn., 2 estab.; Iowa, 1; S. Dak., 1; Nebr., 7; Kans., 1.													
4/ Mont., 5 estab.; Wyo., 5; Colo., 17. 5/ Utah, 6 estab.; Idaho, 7; Wash., 1; Oreg., 1.													
6/ 101-500 group, 49 estab.; 501-2,500 group, 1. 7/ 10,000-24,999 group, 6 estab.; 25,000-99,999 group, 1.													
CANE-SUGAR REFINING													
Total for man-hour tabulations	1/27	1/14,133	155.1	61.6	14.5	12.69	13.45	14.82	2.13	1.37	7.66	6.56	
The North (First 3 lines of States below)	17	8,899	159.2	73.5	17.8	13.19	14.10	15.61	2.42	1.51	8.48	7.51	
The South (4th and 5th lines)	10	5,234	148.1	39.8	8.6	11.79	12.27	13.39	1.60	1.12	6.16	4.96	
By districts and States													
Del., N. J., Ind., Ill., Wis., and Calif.	2/8	4,233	161.4	75.1	17.4	13.05	13.97	15.33	2.28	1.36	8.34	6.77	
New York	6	2,650	162.8	73.0	18.1	12.99	13.90	15.40	2.41	1.50	7.95	7.32	
Pennsylvania	3	2,016	149.9	70.4	18.1	13.79	14.67	16.53	2.74	1.86	9.57	9.31	
Alabama, Georgia, and Texas	3/3	1,987	131.3	48.9	12.2	16.45	17.06	18.47	2.02	1.41	8.06	5.67	
Louisiana	7	3,247	158.3	35.2	6.7	9.42	9.84	10.81	1.39	.97	5.20	4.53	
By size of plant													
21 to 100 wage earners	4/4	76	169.9	56.6	28.7	15.19	16.04	16.21	1.02	.17	3.58	23.01	
101 to 500	10	3,131	144.9	59.9	15.2	13.23	13.98	15.25	2.02	1.27	6.79	7.35	
501 to 2,500	13	10,926	157.9	62.1	14.2	12.53	13.30	14.70	2.17	1.40	7.93	6.23	
The South by size of city													
Under 10,000 inhabitants	6	2,339	155.8	33.7	7.7	10.03	10.45	11.27	1.24	.82	5.40	4.77	
10,000 and over	6/4	2,895	141.8	45.3	9.3	13.35	13.89	15.27	1.92	1.38	6.85	5.12	
1/ All establishments in the industry as covered by the biennial census.													
2/ Me., 2 estab.; N. J., 1; Ind., 1; Ill., 1; Wis., 1; Calif., 2. 3/ Md., 1 estab.; Ga., 1; Tex., 1.													
4/ 1-2 group, 3 estab.; 21-100 group, 1. 5/ Similar data for the North cannot be given.													
6/ 25,000-99,999 group, 1 estab.; 100,000-499,999 group, 2; 500,000 and over group, 1.													
DISTILLED LIQUORS													
Total for man-hour tabulations	1/65	1/3,705	168.6	60.5	25.6	3.32	4.18	6.67	3.35	2.49	7.39	15.40	
The North (Districts A and B)	24	1,671	174.4	63.4	23.1	3.70	4.57	7.57	3.87	3.00	11.80	19.72	
The South (District C)	33	1,901	163.1	57.8	27.5	2.99	3.84	5.96	2.97	2.12	3.52	11.48	
The West (District D)	8	133	173.1	62.0	29.6	3.01	3.93	4.89	1.88	.96	3.72	17.23	
By districts and States													
District A, total	12	453	171.9	64.6	28.6	3.23	4.16	6.50	3.27	2.34	9.00	16.06	
Massachusetts, New York, and New Jersey	2/5	111	179.3	64.8	64.5	2.27	3.56	4.99	2.72	1.43	8.53	11.37	
Pennsylvania	7	342	169.5	64.5	16.2	3.56	4.36	7.02	3.46	2.66	9.16	17.58	
District B, total	12	1,218	175.3	62.9	21.1	3.88	4.72	7.96	4.08	3.24	12.83	21.08	
Ohio and Missouri	3/4	231	167.1	67.9	18.5	2.94	3.80	6.82	3.88	3.02	3.19	13.26	
Indiana	4	407	173.3	52.3	17.3	4.77	5.47	9.05	4.28	3.58	13.87	18.43	
Illinois	4	580	179.9	68.3	24.6	3.62	4.54	7.64	4.02	3.10	15.69	26.05	

ESTABLISHMENTS IN 171 INDUSTRIES: 1939---Continued

District, State, and class	Estab- lish- ments	Wage earners (average for year)	Houre per month	Per wage-earner man-hour							V. P. minus P. C.	Electric energy used, KWH	Horse- power per W. E.
				Wage earnings cents	Salary costs, cents	Cost mate- rials	Prime cost	Value prod- ucts	Value added				
MALT LIQUORS---Continued													
<u>The North by size of city</u>													
Under 10,000 inhabitants	61	1,404	165.2	73.8	23.2	\$2.17	\$3.14	\$5.71	\$3.54	\$2.57	4.38	9.96	
10,000 to 24,999	42	1,386	157.3	75.5	35.4	1.75	2.86	5.71	3.96	2.85	4.88	8.81	
25,000 to 99,999	73	3,799	165.3	81.8	28.9	1.88	2.99	6.43	4.55	3.44	3.59	9.54	
100,000 to 499,999	76	6,601	172.7	81.8	25.3	2.25	3.32	7.77	5.52	4.45	5.70	7.96	
500,000 and over	80	11,854	174.3	91.1	25.7	2.48	3.65	7.73	5.25	4.08	4.28	8.57	
<u>The South by size of city</u>													
25,000 to 99,999 inhabitants	12	817	169.9	75.0	20.2	1.64	2.59	5.16	3.52	2.57	4.96	9.14	
100,000 to 499,999	21	1,719	185.1	62.0	19.7	1.43	2.25	5.40	3.97	3.15	3.99	8.24	
500,000 and over	7	793	157.4	93.0	22.7	1.67	2.83	5.89	4.22	3.06	4.50	7.12	
<u>The West by size of city</u>													
Under 10,000 inhabitants	10	301	174.7	82.0	51.9	3.45	4.78	9.11	5.66	4.33	7.42	13.23	
10,000 to 24,999	16	392	168.7	75.8	38.4	1.70	2.84	4.85	3.15	2.01	4.24	8.35	
25,000 to 99,999	9	209	167.8	77.1	43.5	2.67	3.88	6.11	3.44	2.23	5.67	12.36	
100,000 to 499,999	11	618	164.5	96.9	36.4	2.50	3.83	7.43	4.93	3.60	7.00	10.08	
500,000 and over	12	1,371	168.5	101.0	16.7	2.35	3.52	7.17	4.82	3.65	4.77	6.39	
1/ Biennial-census totals for the industry: Establishments, 605; wage earners, 36,088; wages, \$62,231,236.													
2/ N. H., 1 estab.; Mass., 10. 3/ R. I., 2 estab.; Conn., 7. 4/ S. Dak., 1 estab.; Iowa, 1; Mo., 11.													
5/ Del., 1 estab.; Md., 8. 6/ D. C., 1 estab.; Va., 2; N. C., 1. 7/ W. Va., 2 estab.; Ky., 6.													
8/ Ga., 1 estab.; Fla., 4. 9/ La., 4 estab.; Okla., 1; Tex., 6. 10/ Idaho, 4 estab.; Wyo., 3.													
11/ Utah, 1 estab.; Nev., 2; Ariz., 1. 12/ Wash., 12 estab.; Oreg., 3.													
CIGARS													
Total for man-hour tabulations	1/388	1/45,355	144.5	39.0	5.8	.91	1.36	1.83	.92	.47	.34	.39	
The North (Districts A, B, C, and D)	317	31,565	143.9	39.1	6.5	1.00	1.46	2.02	1.02	.56	.39	.46	
The South (Districts E and F)	58	13,077	145.6	38.2	4.1	.69	1.11	1.37	.68	.26	.20	.23	
The West (District G)	13	713	148.6	50.0	3.0	.87	1.40	1.71	.84	.31	.35	.27	
<u>By districts and States</u>													
District A, total	39	1,153	143.6	45.0	16.4	1.06	1.68	2.41	1.35	.73	.26	.36	
Maine, New Hampshire, and Massachusetts	2/15	743	134.4	45.5	21.9	1.28	1.96	2.80	1.52	.84	.37	.46	
Rhode Island and Connecticut	3/24	410	160.2	44.2	8.2	.73	1.25	1.81	1.08	.56	.10	.18	
District B, total	174	25,511	143.5	39.3	6.1	1.02	1.48	2.06	1.04	.58	.43	.50	
New York	59	1,763	141.5	40.2	8.9	.82	1.31	1.75	.93	.44	.25	.27	
New Jersey	27	8,731	142.4	39.6	5.4	1.01	1.46	1.95	.94	.49	.35	.40	
Pennsylvania	88	15,017	144.3	39.1	6.2	1.06	1.51	2.16	1.10	.65	.49	.58	
District C, total	90	4,499	144.8	37.4	6.7	.91	1.35	1.77	.86	.42	.25	.31	
Michigan and Ohio	4/36	2,874	144.6	38.6	5.5	1.00	1.44	1.85	.85	.41	.23	.29	
Indiana	7	1,282	144.0	33.5	9.7	.79	1.22	1.69	.90	.47	.33	.42	
Illinois	27	214	147.1	42.0	3.8	.58	1.04	1.30	.72	.26	.07	.07	
Wisconsin	20	129	152.9	43.2	8.0	.60	1.12	1.51	.91	.39	.27	.16	
District D---Minnesota, Iowa, and Missouri	5/14	402	166.6	29.6	5.4	.58	.93	1.34	.76	.41	.17	.18	
District E---Md., W. Va., Va., N. C., Ky., Tenn.	6/16	3,207	140.6	36.6	3.8	.82	1.22	1.43	.61	.21	.35	.35	
District F, total	42	9,870	147.2	38.7	4.3	.64	1.07	1.34	.70	.27	.15	.19	
South Carolina, Georgia, and Florida	7/35	8,660	143.6	39.1	4.5	.65	1.09	1.36	.71	.27	.17	.20	
Louisiana	7	1,210	172.3	36.5	2.9	.59	.99	1.29	.70	.30	.05	.09	
District G---Utah, Oregon, and California	8/13	713	148.6	50.0	3.0	.87	1.40	1.71	.84	.31	.35	.27	
<u>By size of plant</u>													
1 to 20 wage earners	213	1,439	143.9	38.7	5.5	.63	1.07	1.36	.73	.29	.19	.15	
21 to 100	91	4,372	147.1	33.5	7.3	.62	1.03	1.33	.71	.30	.13	.30	
101 to 500	61	15,954	144.9	37.4	7.0	.90	1.34	1.78	.88	.44	.30	.32	
501 and over	2/23	23,590	143.7	41.2	4.7	.99	1.45	1.98	.99	.53	.41	.47	
<u>The North by size of city</u>													
Under 10,000 inhabitants	59	2,538	141.7	29.8	5.3	.72	1.07	1.41	.69	.34	.15	.27	
10,000 to 24,999	17	3,361	140.7	41.1	6.4	1.17	1.65	2.30	1.13	.65	.46	.47	
25,000 to 99,999	62	8,830	140.2	37.9	6.5	1.00	1.44	2.02	1.02	.58	.38	.45	
100,000 to 499,999	51	6,744	142.3	39.2	6.4	.96	1.42	1.87	.91	.45	.30	.37	
500,000 and over	128	10,092	149.9	41.7	7.0	1.05	1.54	2.18	1.13	.64	.50	.58	
<u>The South by size of city</u>													
Under 10,000 inhabitants	4	156	166.5	32.4	5.3	.70	1.08	1.34	.64	.26	.07	.19	
10,000 to 99,999	10/8	2,670	126.3	39.1	4.0	.89	1.33	1.68	.79	.35	.47	.47	
100,000 and over	11/46	10,251	150.2	38.1	4.1	.64	1.06	1.30	.66	.24	.14	.17	
1/ Biennial-census totals for the industry: Establishments, 598; wage earners, 50,897; wages, \$34,239,556.													
2/ Me., 2 estab.; N. H., 3; Mass., 10. 3/ R. I., 2 estab.; Conn., 22. 4/ Mich., 15 estab.; Ohio, 21.													
5/ Minn., 3 estab.; Iowa, 1; Mo., 10. 6/ Md., 6 estab.; W. Va., 4; Va., 2; N. C., 1; Ky., 2; Tenn., 1.													
7/ S. C., 1 estab.; Ga., 1; Fla., 33. 8/ Utah, 1 estab.; Oreg., 1; Calif., 11.													
9/ 501-2,500 group, 22 estab.; "2,501 and over" group, 1. 10/ 10,000-24,999 group, 1 estab.; 25,000-99,999 group, 7.													
11/ 100,000-499,999 group, 40 estab.; "500,000 and over" group, 6.													

TABLE 3.--AVERAGES PER MAN-HOUR, BY DISTRICTS AND STATES AND BY SIZE CLASSES, FOR SELECTED

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ESTABLISHMENTS IN 171 INDUSTRIES: 1939--Continued

District, State, and class	Estab- lish- ments	Wage earners (average for year)	Hours per month	Per wage-earner man-hour								Horse- power per W. E.
				Wage earnings cents	Salary costs, cents	Cost mate- rials	Prime cost	Value prod- ucts	Value added	V. P. minus P. C.	Electric energy used, kWh	

CIGARETTES--Continued

<u>By districts and States</u>												
New York	10	147	170.4	44.9	29.4	\$5.65	\$6.39	\$9.15	\$3.51	\$2.77	.25	.70
Mass., N. J., Pa., Ky., and Calif.	2/9	5,168	163.4	50.8	6.1	13.88	14.45	16.71	2.83	2.26	.97	1.40
Virginia	6	6,736	158.3	54.0	8.3	19.83	20.45	26.03	6.20	5.58	1.19	1.84
North Carolina	10	15,375	140.6	53.5	7.6	15.99	16.60	20.52	4.53	3.92	1.77	2.01
<u>By size of plant 3/</u>												
1 to 20 wage earners	10	46	168.1	57.2	47.0	3.84	4.88	6.51	2.67	1.63	.33	1.24
21 to 100	4	161	169.1	41.2	20.3	7.05	7.66	9.89	2.84	2.23	.30	2.11
101 to 500	3	713	179.4	65.3	14.7	28.60	29.40	34.71	6.11	5.31	1.13	1.43
501 and over	4/18	26,506	148.5	52.7	7.2	16.19	16.79	20.77	4.58	3.98	1.46	1.86

1/ All establishments in the industry as covered by the biennial census.

2/ Mass., 1 estab.; N. J., 3; Pa., 1; Ky., 3; Calif., 1.

3/ No data by size of city can be given for either the northern or southern groups of States.

4/ 501-2,500 group, 17 estab.; "2,501 and over" group, 1.

TOBACCO (CHEWING AND SMOKING) AND SNUFF

Total for man-hour tabulations	1/90	1/8,784	148.7	51.0	15.6	5.14	5.81	7.77	2.63	1.96	.92	2.21
The North (Districts A, B, and C)	60	4,476	147.2	56.6	16.5	6.05	6.78	8.95	2.90	2.17	.83	1.90
The South (District D)	30	4,308	150.2	45.2	14.7	4.21	4.81	6.56	2.35	1.75	1.01	2.52
<u>By districts and States</u>												
District A--Massachusetts and Connecticut	2/4	22	181.6	44.7	56.5	2.01	3.02	4.29	2.28	1.27	.53	#17.86
District B, total	26	793	161.8	48.9	24.3	4.13	4.86	7.11	2.98	2.25	.47	1.79
New York and New Jersey	3/9	352	162.3	52.6	23.5	4.04	4.80	7.76	3.72	2.96	.24	2.16
Pennsylvania	17	441	161.5	46.0	25.0	4.21	4.92	6.60	2.39	1.68	.66	1.49
District C, total	30	3,661	143.9	58.5	14.4	6.55	7.28	9.43	2.88	2.15	.92	1.83
Ohio	10	1,240	142.8	56.6	10.8	6.87	7.54	7.97	1.10	.43	.80	1.80
Mich., Ill., Wis., Iowa, Mo., and Calif.	4/20	2,421	144.4	59.5	16.2	6.39	7.14	10.17	3.78	3.03	.98	1.85
District D, total	30	4,308	150.2	45.2	14.7	4.21	4.81	6.56	2.35	1.75	1.01	2.52
Delaware, West Virginia, Virginia, North Carolina	5/9	2,328	142.5	47.7	14.4	4.50	5.12	6.86	2.36	1.74	.83	1.92
Kentucky, Tennessee, and Texas	6/21	1,980	159.2	42.6	15.1	3.91	4.49	6.26	2.35	1.77	1.19	3.23
<u>By size of plant</u>												
1 to 20 wage earners	47	258	162.7	39.1	29.0	3.06	3.74	4.54	1.48	.80	.48	3.36
21 to 100	22	914	154.8	42.2	22.7	2.06	2.71	3.45	1.39	.74	1.50	2.86
101 to 500	17	3,909	156.5	50.3	18.1	5.71	6.39	9.28	3.57	2.89	.77	2.74
501 to 2,500	4	3,703	138.0	55.1	9.6	5.48	6.13	7.42	1.94	1.29	.96	1.41
<u>The North by size of city</u>												
Under 10,000 inhabitants	12	365	160.5	52.8	29.4	4.30	5.12	8.00	3.70	2.88	.38	3.42
10,000 to 99,999	7/14	1,384	150.1	53.6	11.5	6.00	6.65	7.21	1.21	.56	.77	1.46
100,000 to 499,999	10	291	134.0	56.5	27.7	6.14	6.98	9.15	3.01	2.17	.50	2.69
500,000 and over	24	2,436	145.2	59.0	16.2	6.36	7.11	10.10	3.74	2.99	.97	1.84
<u>The South by size of city</u>												
Under 10,000 inhabitants	4	260	162.4	35.4	8.6	2.51	2.95	4.52	2.01	1.57	.51	1.48
10,000 to 24,999	5	226	158.4	38.5	14.4	1.00	1.53	1.75	.75	.22	4.30	2.78
25,000 to 99,999	9	1,455	142.0	43.5	12.6	3.39	3.95	4.92	1.53	.97	.71	2.03
100,000 to 499,999	12	2,367	153.1	48.0	13.6	5.20	5.85	8.22	3.02	2.37	.91	2.92

1/ Biennial-census totals for the industry: Establishments, 132; wage earners, 9,202; wages, \$8,192,529.

2/ Mass., 3 estab.; Conn., 1.

Verified.

3/ N. Y., 6 estab.; N. J., 3.

4/ Mich., 3 estab.; Ill., 3; Wis., 3; Iowa, 1; Mo., 7; Calif., 3.

5/ Del., 1 estab.; W. Va., 1; Va., 4; N. C., 3.

6/ Ky., 12 estab.; Tenn., 8; Tex., 1.

7/ 10,000-24,999 group, 1 estab.; 25,000-99,999 group, 13.

COTTON YARN

Total for man-hour tabulations	1/281	1/62,270	156.0	34.8	3.9	.86	1.25	1.50	.64	.25	6.28	5.00
The North (Districts A and B)	40	7,229	157.3	41.3	6.5	.97	1.45	1.70	.73	.25	4.25	5.52
The South (Districts C and D)	241	55,041	155.9	34.0	3.5	.85	1.23	1.48	.63	.25	6.55	4.93
<u>By districts and States</u>												
District A, total	21	6,071	157.5	40.8	6.1	.83	1.30	1.51	.68	.21	4.63	5.57
Maine, New Hampshire, Rhode Island, and Connecticut	2/8	1,387	159.0	39.8	6.9	.98	1.45	1.82	.84	.37	3.01	6.24
Massachusetts	13	4,684	157.0	41.1	5.8	.78	1.25	1.42	.64	.17	5.12	5.37
District B, total	19	1,158	156.3	43.9	8.5	1.75	2.27	2.69	.94	.42	2.25	5.24
New York, New Jersey, and Illinois	3/14	933	154.2	43.8	7.7	1.50	2.01	2.42	.92	.41	2.39	5.91
Pennsylvania	5	225	164.7	44.3	11.4	2.70	3.26	3.74	1.04	.48	1.73	2.45
District C, total	170	34,359	156.9	33.5	3.6	.78	1.15	1.43	.65	.28	6.18	4.71
North Carolina	161	32,274	156.5	33.3	3.6	.78	1.15	1.42	.64	.27	6.05	4.68
Maryland, Kentucky, and Tennessee	4/9	2,085	162.7	36.3	3.5	.88	1.28	1.60	.72	.32	8.15	5.18
District D, total	71	20,682	154.2	34.9	3.5	.96	1.34	1.56	.60	.22	7.17	5.31
South Carolina	15	4,140	162.3	35.4	3.3	1.13	1.52	1.72	.59	.20	7.59	4.23
Georgia	35	11,597	153.2	35.1	4.0	.95	1.34	1.55	.60	.21	7.49	5.41
Alabama and Mississippi	5/21	4,945	149.9	34.0	2.3	.83	1.20	1.43	.60	.23	6.03	5.98

3-31629

TABLE 3.--AVERAGES PER MAN-HOUR, BY DISTRICTS AND STATES AND BY SIZE CLASSES, FOR SELECTED

ESTABLISHMENTS IN 171 INDUSTRIES: 1939--Continued

District, State, and class	Estab-lish-ments	Wage earners (average for year)	Hours per month	Per wage-earner man-hour								Horse-power per W. E.	
				Wage earnings cents	Salary costs, cents	Cost mate-rials	Prime cost	Value prod-ucts	Value added	V. P. minus P. C.	Electric energy used, kWh		
COTTON YARN---Continued													
By size of plant													
1 to 20 wage earners	15	128	158.4	38.8	19.3	\$2.12	\$2.70	\$3.03	\$.91	\$.33	2.35	6.36	
21 to 100	57	3,605	156.4	32.5	7.5	1.06	1.46	1.77	.71	.31	4.29	5.72	
101 to 500	185	38,916	155.2	33.1	3.6	.79	1.16	1.41	.62	.25	5.78	4.84	
501 to 2,500	24	19,621	157.5	38.7	3.7	.96	1.38	1.62	.66	.24	7.64	5.18	
The North by size of city													
Under 25,000 inhabitants	6/9	2,162	159.6	42.1	5.7	.75	1.23	1.51	.76	.28	3.85	5.00	
25,000 to 99,999	12	1,759	163.8	38.1	9.0	1.19	1.66	2.02	.83	.36	4.09	5.76	
100,000 to 499,999	7	2,999	151.3	42.4	4.7	.85	1.33	1.45	.60	.12	4.96	6.02	
500,000 and over	12	309	162.2	42.4	13.1	2.36	2.91	3.38	1.02	.47	1.57	2.85	
The South by size of city													
Under 10,000 inhabitants	168	38,805	156.5	33.7	3.4	.83	1.20	1.44	.61	.24	6.73	5.06	
10,000 to 24,999	51	10,659	154.4	34.8	3.4	.80	1.18	1.46	.66	.28	6.04	4.44	
25,000 to 99,999	17	5,018	155.6	35.2	4.8	1.03	1.43	1.73	.70	.30	6.43	5.16	
100,000 and over	7/5	560	142.6	30.9	6.6	1.19	1.57	1.90	.71	.33	4.55	4.00	
1/ Biennial-census totals for the industry: Establishments, 349; wage earners, 70,452; wages, \$45,055,469.													
2/ Mo., 1 estab.; N. H., 2; R. I., 4; Conn., 1. 3/ N. Y., 7 estab.; N. J., 4; Ill., 3.													
5/ Ala., 20 estab.; Miss., 1. 6/ "Under 10,000" group, 2 estab.; 10,000-24,999 group, 7.													
7/ 100,000-499,999 group, 4 estab.; "500,000 and over" group, 1.													
4/ Md., 1 estab.; Ky., 1; Tenn., 7.													

COTTON THREAD												
Total for man-hour tabulations	1/50	1/12,635	155.2	43.0	9.3	1.04	1.56	2.00	.96	.44	4.19	4.70
The North (Districts A and B)	41	10,086	154.4	43.9	10.4	.97	1.51	1.99	1.02	.48	3.71	4.33
The South (District C)	9	2,549	158.4	39.4	4.8	1.30	1.74	2.04	.74	.30	6.07	6.16
By districts and States												
District A, total	20	7,905	157.0	42.5	9.1	.87	1.39	1.88	1.01	.49	3.86	4.64
Massachusetts	11	2,804	164.7	38.7	6.1	.72	1.16	1.36	.64	.20	3.95	4.73
Rhode Island and Connecticut	2/9	5,101	152.8	44.7	10.8	.96	1.52	2.19	1.23	.67	3.81	4.60
District B, total	21	2,181	145.0	49.6	15.7	1.35	2.01	2.43	1.08	.42	3.09	3.19
New York, New Jersey, and Pennsylvania	3/16	1,859	147.7	51.0	13.8	1.21	1.86	2.27	1.06	.41	3.30	3.22
Michigan, Ohio, Indiana, and Illinois	4/5	322	129.6	40.8	28.2	2.27	2.96	3.47	1.20	.51	1.71	3.05
District C, total	9	2,549	158.4	39.4	4.8	1.30	1.74	2.04	.74	.30	6.07	6.16
Maryland, North Carolina, Kentucky, and Tennessee	5/6	1,348	155.6	38.9	5.2	1.54	1.98	2.20	.66	.22	4.95	5.50
Georgia	3	1,201	161.5	40.0	4.4	1.03	1.47	1.85	.82	.38	7.28	6.91
By size of plant												
1 to 20 wage earners	16	118	156.7	41.6	42.0	3.80	4.64	5.43	1.63	.79	1.24	3.19
21 to 100	17	895	155.6	45.4	25.5	3.16	3.87	4.62	1.46	.75	1.34	3.35
101 to 500	10	1,767	157.0	39.7	8.1	1.91	2.39	2.92	1.01	.53	3.84	6.05
501 and over	6/7	9,855	154.8	43.4	7.6	.65	1.16	1.55	.90	.39	4.55	4.60
The North by size of city												
Under 10,000 inhabitants	7	605	164.2	42.2	13.9	2.18	2.74	3.24	1.06	.50	1.61	4.26
10,000 to 99,999	7/9	5,581	153.3	43.3	10.0	.79	1.32	1.92	1.13	.60	3.80	4.83
100,000 to 499,999	7	3,481	153.8	45.3	7.9	.59	1.12	1.34	.75	.22	4.22	3.67
500,000 and over	18	419	160.5	44.5	30.7	4.49	5.24	6.32	1.83	1.08	1.56	3.23
The South by size of city												
Under 10,000 inhabitants	4	954	169.8	40.8	6.1	1.43	1.90	2.15	.72	.25	6.27	6.49
10,000 and over	8/5	1,595	151.5	38.5	3.9	1.21	1.63	1.96	.75	.33	5.94	5.97
1/ Biennial-census totals for the industry: Establishments, 75; wage earners, 13,298; wages, \$10,529,271.												
2/ R. I., 4 estab.; Conn., 5. 3/ N. Y., 13 estab.; N. J., 1; Pa., 2. 4/ Mich., 1 estab.; Ohio, 1; Ind., 1; Ill., 2.												
5/ Md., 1 estab.; N. C., 2; Ky., 1; Tenn., 2. 6/ 501-2,500 group, 6 estab.; "2,501 and over" group, 1.												
7/ 10,000-24,999 group, 2 estab.; 25,000-99,999 group, 7. 8/ 10,000-24,999 group, 3 estab.; 25,000-99,999 group, none; 100,000-499,999 group, 1; "500,000 and over" group, 1.												

COTTON BROAD WOVEN GOODS												
Total for man-hour tabulations	1/576	1/297,778	158.0	38.2	3.8	.73	1.15	1.48	.75	.33	5.85	4.80
The North (Districts A, B, and C)	164	63,273	160.3	44.3	4.8	.69	1.18	1.53	.84	.35	4.89	5.27
The South (Districts D, E, and F)	412	234,505	157.3	36.6	3.5	.74	1.14	1.46	.72	.32	6.11	4.67
By districts and States												
District A, total	98	55,312	160.7	43.6	4.2	.65	1.13	1.42	.77	.29	5.04	5.32
Maine, New Hampshire, and Vermont	2/16	15,816	157.6	42.5	4.1	.71	1.18	1.62	.91	.44	6.06	5.96
Massachusetts	51	27,418	162.7	43.4	4.2	.59	1.07	1.27	.68	.20	4.86	5.51
Rhode Island	16	7,304	157.2	46.8	4.6	.78	1.29	1.52	.74	.23	4.42	3.46
Connecticut	15	4,774	164.3	43.2	4.6	.59	1.07	1.50	.91	.43	3.73	5.01
District B, total	55	6,890	158.0	50.3	8.6	.96	1.55	2.38	1.42	.83	3.90	4.86
New York	7	3,298	156.7	46.8	4.3	.62	1.13	2.27	1.65	1.14	6.03	5.83
New Jersey	13	889	162.2	50.9	12.3	1.06	1.69	2.40	1.34	.71	2.13	4.45
Pennsylvania	35	2,703	158.1	54.4	12.6	1.34	2.01	2.51	1.17	.50	1.93	3.82
District C--Ind., Ill., Wis., Mo., and Calif.	3/11	1,071	158.5	42.4	8.9	1.01	1.52	2.03	1.02	.51	3.52	5.35

TABLE 3.---AVERAGES PER MAN-HOUR, BY DISTRICTS AND STATES AND BY SIZE CLASSES, FOR SELECTED

ESTABLISHMENTS IN 171 INDUSTRIES: 1939---Continued

District, State, and class	Estab- lish- ments	Wage earners (average for year)	Hours per month	Per wage-earner man-hour								Horse- power per W. E.
				Wage earnings cents	Salary costs, cents	Cost mate- rials	Prime cost	Value prod- ucts	Value added	V. P. minus P. C.	Electric energy used, KWH	
COTTON BROAD WOVEN GOODS---Continued												
District D, total	141	84,799	155.1	38.6	3.8	.73	\$1.15	\$1.62	\$.89	\$.47	5.15	3.86
Delaware, Maryland, Virginia, and Kentucky	4/17	13,837	146.0	39.0	4.0	.58	1.01	1.49	.91	.48	5.10	3.46
North Carolina	119	66,623	156.7	38.5	3.7	.76	1.18	1.67	.91	.49	5.07	3.39
Tennessee	5	4,289	160.2	39.2	4.7	.60	1.04	1.18	.58	.14	6.37	4.16
District E, total	256	145,266	158.3	35.5	3.4	.75	1.14	1.38	.63	.24	6.72	5.19
South Carolina	127	68,073	156.1	36.6	3.6	.77	1.17	1.36	.59	.19	7.61	5.44
Georgia	71	45,544	162.2	35.3	3.5	.75	1.14	1.40	.65	.26	6.06	5.26
Alabama	44	26,425	156.6	33.9	3.0	.75	1.12	1.42	.67	.30	6.16	4.79
Mississippi	9	2,629	155.3	29.6	2.5	.49	.81	.86	.37	.05	3.60	3.27
Louisiana, Arkansas, and Oklahoma	5/5	2,595	168.5	33.2	3.3	.65	1.02	1.55	.90	.53	4.49	3.12
District F---Texas	15	4,440	168.2	31.8	3.8	.54	.89	1.15	.61	.26	4.17	3.04
<u>By size of plant</u>												
1 to 20 wage earners	27	274	164.9	44.6	19.9	1.59	2.25	2.97	1.38	.72	1.16	3.23
21 to 100	63	3,208	155.3	47.2	13.4	1.14	1.75	2.44	1.30	.69	2.07	4.69
101 to 500	293	85,744	158.1	36.7	4.5	.74	1.15	1.40	.66	.25	5.51	5.03
501 to 2,500	188	181,583	158.9	38.5	3.5	.72	1.14	1.43	.71	.29	6.14	4.81
2,501 and over	5	26,969	152.0	39.8	2.2	.69	1.11	1.91	1.22	.80	5.38	3.95
<u>The North by size of city</u>												
Under 10,000 inhabitants	52	16,420	160.2	44.5	4.6	.64	1.14	1.46	.82	.32	4.27	5.42
10,000 to 24,999	19	9,486	161.5	43.1	4.5	.80	1.27	1.55	.75	.28	6.57	4.50
25,000 to 99,999	23	12,735	156.8	44.9	5.1	.73	1.23	1.78	1.05	.55	5.11	5.41
100,000 to 499,999	40	22,120	162.5	43.1	3.7	.59	1.06	1.36	.77	.30	4.68	5.67
500,000 and over	30	2,512	156.0	55.4	15.1	1.27	1.97	2.28	1.01	.31	3.43	3.03
<u>The South by size of city</u>												
Under 10,000 inhabitants	268	145,339	158.3	36.2	3.3	.74	1.13	1.49	.75	.36	6.16	4.36
10,000 to 24,999	73	35,884	159.1	37.5	4.1	.82	1.24	1.44	.62	.20	6.32	5.69
25,000 to 99,999	52	41,884	151.1	37.2	4.0	.70	1.12	1.43	.73	.31	6.06	5.08
100,000 and over	6/19	11,398	162.2	36.3	3.6	.59	.99	1.23	.64	.24	5.01	3.78

1/ Biennial-census totals for the industry: Establishments, 661; wage earners, 312,249; wages, \$225,175,272.

2/ Mo., 7 estab.; N. H., 7; Vt., 2. 3/ Ind., 1 estab.; Ill., 5; Wis., 1; Mo., 1; Calif., 3.

4/ Del., 2 estab.; Md., 5; Va., 9; Ky., 1. 5/ La., 1 estab.; Ark., 3; Okla., 1.

6/ 100,000-499,999 group, 18 estab.; "500,000 and over" group, 1.

COTTON NARROW FABRICS												
Total for man-hour tabulations	1/118	1/10,957	164.4	44.8	11.8	.87	1.43	1.85	.98	.42	1.26	2.04
The North (Districts A, B, and C)	106	10,125	164.4	45.3	11.9	.87	1.44	1.87	1.00	.43	1.27	2.08
The South (District D)	12	832	165.0	38.2	10.5	.86	1.34	1.67	.81	.33	1.21	1.54
By districts and States												
District A, total	65	7,211	164.9	43.6	10.0	.79	1.33	1.69	.90	.36	1.27	2.00
New Hampshire	6	240	167.7	40.5	11.4	.84	1.36	1.66	.82	.30	.71	1.78
Massachusetts	24	2,204	169.2	41.2	9.4	.68	1.19	1.62	.94	.43	1.27	2.19
Rhode Island	27	3,604	162.3	44.4	9.0	.80	1.34	1.64	.84	.30	1.47	1.96
Connecticut	8	1,163	164.3	46.5	13.8	.94	1.55	1.97	1.03	.42	.79	1.80
District B, total	29	2,064	164.3	53.2	17.8	1.18	1.89	2.49	1.31	.60	1.31	2.49
New York	10	557	172.0	59.5	22.9	1.55	2.38	3.09	1.54	.71	1.29	3.49
New Jersey	5	136	161.8	51.4	18.8	.89	1.59	2.10	1.21	.51	.80	1.05
Pennsylvania	14	1,371	161.4	50.6	15.5	1.05	1.71	2.27	1.22	.56	1.36	2.23
District C, total	12	850	160.0	40.7	14.1	.76	1.31	1.85	1.09	.54	1.12	1.76
Ohio	3	98	170.3	46.4	26.3	1.21	1.94	2.83	1.62	.89	1.07	2.49
Michigan, Indiana, Missouri, and California	2/5	419	163.9	43.3	10.0	.70	1.23	1.79	1.09	.56	1.25	1.64
Illinois	4	333	152.2	35.2	15.5	.69	1.20	1.61	.92	.41	.97	1.70
District D, total	12	832	165.0	38.2	10.5	.86	1.34	1.67	.81	.33	1.21	1.54
North Carolina	7	360	163.4	43.1	14.4	.85	1.43	1.83	.98	.40	1.43	2.39
Maryland, Kentucky, South Carolina, and Georgia	3/5	472	166.2	34.5	7.6	.86	1.28	1.55	.69	.27	1.05	.89
By size of plant												
1 to 20 wage earners	35	376	165.7	43.1	19.4	1.08	1.71	2.21	1.13	.50	1.25	2.72
21 to 100	49	2,741	162.7	43.6	17.1	.94	1.55	2.03	1.09	.48	1.27	2.18
101 to 2,500	4/34	7,840	165.0	45.2	9.6	.83	1.38	1.77	.94	.39	1.27	1.96
The North by size of city												
Under 10,000 inhabitants	20	1,436	162.3	45.0	9.3	.89	1.44	1.79	.90	.35	1.18	2.38
10,000 to 24,999	12	2,163	162.0	40.7	8.2	.73	1.22	1.65	.92	.43	1.08	1.64
25,000 to 99,999	26	2,737	171.5	44.4	11.5	.84	1.40	1.76	.92	.36	1.21	1.95
100,000 to 499,999	29	2,426	163.7	50.4	15.1	.94	1.59	2.12	1.18	.53	1.63	2.26
500,000 and over	19	1,363	157.5	45.8	15.8	.98	1.59	2.05	1.07	.46	1.15	2.38
The South by size of city												
Under 25,000 inhabitants	5/4	327	167.2	41.6	6.8	.71	1.19	1.46	.75	.27	1.17	1.21
25,000 to 99,999	4	460	162.5	35.0	10.5	.92	1.38	1.72	.80	.34	1.13	1.40
100,000 and over	6/4	45	174.1	45.0	37.1	1.21	2.03	2.60	1.39	.57	2.29	5.31

1/ Biennial-census totals for the industry: Establishments, 163; wage earners, 13,318; wages, \$11,776,206.

2/ Mich., 1 estab.; Ind., 2; Mo., 1; Calif., 1. 3/ Md., 1 estab.; Ky., 1; S. C., 1; Ga., 2.

4/ 101-500 group, 33 estab.; 501-2,500 group, 1. 5/ "Under 10,000" group, 2 estab.; 10,000-24,999 group, 2.

6/ 100,000-499,999 group, 3 estab.; "500,000 and over" group, 1.

TABLE 3.—AVERAGES PER MAN-HOUR, BY DISTRICTS AND STATES AND BY SIZE CLASSES, FOR SELECTED

ESTABLISHMENTS IN 171 INDUSTRIES: 1939—Continued

District, State, and class	Estab-lish-ments	Wage earners (average for year)	Hours per month	Per wage-earner man-hour							Horse-power per W. E.	
				Wage earnings cents	Salary costs, cents	Cost mate-rials	Prime cost	Value prod-ucts	Value added	V. P. minus P. C.		Electrio energy used, KWH
DYEING AND FINISHING OF COTTON TEXTILES (RAW STOCK, YARN, AND FABRIC) ^{1/}												
Total for man-hour tabulations	1/186	1/37,188	169.8	49.8	14.3	\$1.38	\$2.02	\$2.46	\$1.08	\$.44	3.01	4.26
The North (Districts A, B, and C)	145	25,512	169.3	53.2	15.7	1.47	2.16	2.57	1.10	.41	2.67	4.23
The South (Districts D and E)	41	11,676	170.8	42.4	11.1	1.19	1.73	2.22	1.03	.49	3.74	4.33
By districts and States												
District A, total	63	16,693	172.7	53.4	14.8	1.58	2.26	2.65	1.07	.39	2.68	4.05
Maine and New Hampshire	2/3	1,256	181.7	44.5	8.0	2.09	2.61	2.87	.78	.26	2.54	3.47
Massachusetts	25	8,110	169.2	53.5	14.2	2.00	2.68	3.05	1.05	.37	2.61	4.20
Rhode Island	26	5,877	178.3	54.3	16.9	1.02	1.73	2.19	1.17	.46	2.78	3.67
Connecticut	9	1,450	162.0	57.2	16.1	1.01	1.74	2.07	1.06	.33	2.80	5.21
District B, total	71	7,834	162.8	52.9	16.6	1.36	2.06	2.49	1.13	.43	2.51	4.50
New York	21	2,067	165.7	49.0	12.7	.54	1.16	1.40	.86	.24	1.96	3.52
New Jersey	31	3,697	158.7	53.3	16.9	1.15	1.86	2.20	1.05	.34	2.68	4.63
Pennsylvania	19	2,070	167.2	56.1	20.1	2.52	3.28	4.06	1.54	.78	2.76	5.27
District C, total	11	985	164.0	51.4	23.1	.60	1.34	1.90	1.30	.56	3.78	5.14
Ohio and Indiana	3/4	465	167.9	54.9	21.0	.55	1.31	2.04	1.49	.73	6.07	7.12
Illinois, Missouri, and California	4/7	520	160.6	48.1	25.2	.64	1.37	1.77	1.13	.40	1.65	3.36
District D, total	23	4,817	168.7	46.4	14.9	1.44	2.05	2.66	1.22	.61	3.65	4.94
Delaware, Maryland, West Virginia, and Virginia	5/6	1,773	161.9	55.2	23.6	1.27	2.06	2.48	1.21	.42	4.30	7.07
North Carolina	10	1,312	166.3	40.1	11.3	2.48	3.00	3.79	1.31	.79	3.70	4.41
Kentucky and Tennessee	6/7	1,732	177.5	42.8	9.3	.85	1.37	2.03	1.18	.66	3.00	3.15
District E—South Carolina, Georgia, Alabama	7/18	6,859	172.2	39.7	8.6	1.03	1.51	1.92	.89	.41	3.80	3.91
By size of plant												
1 to 20 wage earners	37	381	162.5	45.0	25.2	.86	1.56	2.08	1.22	.52	2.41	8.55
21 to 100	52	2,941	172.3	49.2	20.0	1.38	2.07	2.58	1.20	.51	2.08	5.83
101 to 500	79	18,776	166.6	49.9	14.6	1.39	2.04	2.58	1.19	.54	2.88	4.58
501 to 2,500	18	15,090	173.4	49.8	12.4	1.39	2.01	2.30	.91	.29	3.35	3.46
The North by size of city												
Under 10,000 inhabitants	30	4,958	167.0	51.4	14.9	.84	1.50	1.78	.94	.28	2.48	4.10
10,000 to 24,999	17	5,885	164.4	52.6	13.7	1.96	2.62	3.24	1.28	.62	2.52	4.88
25,000 to 99,999	37	9,180	173.3	54.6	14.8	1.61	2.31	2.59	.98	.28	3.03	3.84
100,000 to 499,999	27	3,532	169.7	52.5	17.1	1.10	1.80	2.27	1.17	.47	2.72	4.50
500,000 and over	34	1,957	170.6	53.7	24.9	1.66	2.44	3.08	1.42	.64	1.78	3.94
The South by size of city												
Under 10,000 inhabitants	16	4,098	172.9	39.0	8.5	1.24	1.72	2.09	.85	.37	3.58	4.20
10,000 to 24,999	7	2,622	170.5	41.5	8.7	.92	1.42	1.94	1.02	.52	3.84	3.38
25,000 to 99,999	10	2,054	169.2	43.3	16.7	2.22	2.82	3.51	1.29	.69	4.23	5.85
100,000 and over	8/8	2,902	169.1	47.6	13.3	.65	1.26	1.77	1.12	.51	3.53	4.32

^{1/} Cotton branch of industry entitled "Dyeing and finishing of cotton, rayon, silk, and linen textiles"; for the rayon and silk branch, see page 31. Biennial-census aggregate for the entire industry (both branches) are: Establishments, 468; wage earners, 60,237; wages, \$61,744,518.
^{2/} Mo., 1 estab.; N. H., 2. ^{3/} Ohio, 3 estab.; Ind., 1. ^{4/} Ill., 4 estab.; Mo., 1; Calif., 2.
^{5/} Del., 1 estab.; Md., 2; W. Va., 1; Va., 2. ^{6/} Ky., 2 estab.; Tenn., 5. ^{7/} S. C., 9 estab.; Ga., 7; Ala., 2.
^{8/} 100,000-499,999 group, 7 estab.; "500,000 and over" group, 1.

SHADE CLOTH AND MISCELLANEOUS SPECIAL FINISHING OF COTTON FABRIC ^{1/}													
Total for man-hour tabulations	1/28	1/1,008	174.6	57.8	17.9	2.30	3.06	5.15	2.85	2.09	2.49	5.89	
Shade cloth	8	537	182.7	62.3	10.8	2.60	3.33	6.20	3.60	2.87	2.75	4.59	
Miscellaneous special finishing of cotton fabric	20	471	165.5	52.1	26.8	1.92	2.71	3.82	1.90	1.11	2.17	7.37	
By districts and States													
District A—Massachusetts and Rhode Island	2/4	250	167.7	51.5	16.1	1.07	1.75	2.78	1.71	1.03	2.85	10.22	
District B, total	16	385	173.5	49.6	26.5	2.52	3.28	4.13	1.61	.85	1.70	5.32	
New York	9	242	182.9	47.7	23.1	2.25	2.95	3.87	1.62	.92	2.06	7.21	
New Jersey and Pennsylvania	3/7	143	157.7	53.3	33.3	3.05	3.92	4.65	1.60	.73	1.00	2.11	
District C—Ohio, Ind., Ill., Mo., and Calif.	4/8	373	180.4	69.9	10.4	2.85	3.66	7.64	4.79	3.98	3.05	3.58	
By size of plant													
1 to 20 wage earners	18	144	160.4	59.0	40.9	3.04	4.04	5.54	2.50	1.50	.93	4.10	
21 to 100	6	253	165.2	51.3	23.9	2.72	3.47	5.81	3.09	2.34	2.27	4.99	
101 to 500	4	611	181.9	60.0	10.8	1.99	2.70	4.82	2.83	2.12	2.90	6.69	
By size of city													
Under 25,000 inhabitants	5/6	478	176.7	47.5	17.8	1.85	2.51	3.37	1.52	.86	2.46	8.32	
25,000 to 499,999	6/7	116	153.8	62.7	23.6	2.25	3.11	5.82	3.57	2.71	1.80	4.03	
500,000 and over	15	414	178.0	68.4	16.5	2.82	3.67	7.02	4.20	3.35	2.69	3.61	

^{1/} Cotton (and linen) branch of industry entitled "Cloth sponging and miscellaneous special finishing"; for the wool branch, see "Sponging of woolen and worsted" on page 27. Biennial-census aggregate for the entire industry (both branches) are: Establishments, 112; wage earners, 2,811; wages, \$3,851,672.
^{2/} Mass., 2 estab.; R. I., 2.
^{3/} N. J., 5 estab.; Pa., 2. ^{4/} Ohio, 1 estab.; Ind., 1; Ill., 4; Mo., 1; Calif., 1.
^{5/} "Under 10,000" group, 3 estab.; 10,000-24,999 group, 3. ^{6/} 25,000-99,999 group, 2 estab.; 100,000-499,999 group, 5.
^{7/} 3-11629

TABLE 3.—AVERAGES PER MAN-HOUR, BY DISTRICTS AND STATES AND BY SIZE CLASSES, FOR SELECTED

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ESTABLISHMENTS IN 171 INDUSTRIES: 1939—Continued

District, State, and class	Estab-lish-ments	Wage earners (average for year)	Hours per month	Per wage-earner man-hour								Horse-power per W. E.
				Wage earnings cents	Salary costs, cents	Cost mate-rials	Prime cost	Value prod-ucts	Value added	V.P. minus P.C.	Electric energy used, KWH	
BATTING, PADDING, AND WADDING; UPHOLSTERY FILLING												
Total for man-hour tabulations	1/79	1/3,785	161.8	48.6	18.4	\$1.97	\$2.64	\$3.54	\$1.57	\$.90	2.86	5.34
The North (Districts A, B, and C)	55	2,905	159.1	52.7	19.3	1.89	2.61	3.62	1.73	1.01	3.10	5.88
The South (District D)	17	623	179.6	28.9	14.0	2.14	2.57	3.11	.97	.54	1.63	2.66
The West (District E)	7	257	150.1	57.9	19.0	2.46	3.23	3.91	1.45	.68	3.63	5.72
By districts and States												
District A—Massachusetts and Rhode Island	2/10	338	170.8	50.5	13.4	1.58	2.22	3.01	1.43	.79	3.43	10.25
District B, total	14	446	173.7	46.3	24.6	2.58	3.29	3.96	1.38	.67	2.61	5.76
New York	10	232	172.0	48.5	28.1	3.12	3.88	4.48	1.36	.60	2.23	6.33
New Jersey and Pennsylvania	3/4	214	175.6	43.9	21.0	2.01	2.66	3.42	1.41	.76	3.01	5.15
District C, total	31	2,121	154.1	54.5	19.1	1.77	2.51	3.64	1.87	1.13	3.16	5.21
Michigan	9	992	146.3	62.9	16.2	1.85	2.64	4.02	2.17	1.38	4.00	4.97
Ohio, Indiana, Illinois, Missouri, and Minnesota	4/15	1,023	159.8	47.3	19.2	1.61	2.28	3.23	1.62	.95	2.48	5.07
Wisconsin	7	106	172.7	52.7	42.2	2.63	3.58	4.33	1.70	.75	2.54	8.86
District D, total	17	623	179.6	28.9	14.0	2.14	2.57	3.11	.97	.54	1.63	2.66
Md., N. C., Tenn., S. C., and Ga.	5/9	483	176.3	30.2	15.3	2.20	2.66	3.29	1.09	.63	1.71	2.12
Florida, Louisiana, and Texas	6/8	140	191.0	24.7	10.0	1.96	2.31	2.54	.58	.23	1.38	4.54
District E—California	7	257	150.1	57.9	19.0	2.46	3.23	3.91	1.45	.68	3.63	5.72
By size of plant												
1 to 20 wage earners	45	426	165.5	44.9	30.6	3.10	3.85	4.65	1.55	.80	4.24	11.79
21 to 100	21	958	163.6	49.6	20.7	2.56	3.26	4.18	1.62	.92	3.13	6.35
101 to 500	13	2,401	160.5	48.9	15.2	1.52	2.16	3.08	1.56	.92	2.50	3.80
The North by size of city												
Under 10,000 inhabitants	10	544	159.5	48.6	14.2	1.36	1.99	3.05	1.69	1.06	3.36	5.78
10,000 to 24,999	7	208	176.9	51.6	32.2	2.50	3.34	3.77	1.27	.43	3.99	1.35
25,000 to 99,999	6	454	155.5	51.9	9.4	1.11	1.73	2.41	1.30	.68	1.62	4.51
100,000 to 499,999	5	157	168.8	60.6	26.6	3.02	3.90	5.58	2.56	1.68	4.90	13.72
500,000 and over	27	1,542	156.6	53.6	21.3	2.08	2.83	3.93	1.85	1.10	3.11	4.50
The South by size of city												
Under 10,000 inhabitants	5	78	193.6	20.6	10.8	1.31	1.62	1.84	.53	.22	.25	4.28
10,000 to 99,999	7/4	42	173.2	34.9	26.9	3.19	3.81	4.62	1.43	.81	3.52	2.93
100,000 and over	8/8	503	178.0	29.8	13.5	2.20	2.63	3.20	1.00	.57	1.71	2.39
1/ Biennial-census totals for the industry: Establishments, 124; wage earners, 4,504; wages, \$4,120,350.												
2/ Mass., 7 estab.; R. I., 3. 3/ N. J., 2 estab.; Pa., 2. 4/ Ohio, 3 estab.; Ind., 1; Ill., 9; Mo., 1; Minn., 1.												
5/ Md., 2 estab.; N. C., 3; Tenn., 1; S. C., 1; Ga., 2. 6/ Fla., 2 estab.; La., 4; Tex., 2.												
7/ 10,000-24,999 group, 1 estab.; 25,000-99,999 group, 6 estab.; "500,000 and over" group, 2.												

1/ Biennial-census totals for the industry: Establishments, 124; wage earners, 4,504; wages, \$4,120,350.

2/ Mass., 7 estab.; R. I., 3.

3/ N. J., 2 estab.; Pa., 2.

4/ Ohio, 3 estab.; Ind., 1; Ill., 9; Mo., 1; Minn., 1.

5/ Md., 2 estab.; N. C., 3; Tenn., 1; S. C., 1; Ga., 2.

6/ Fla., 2 estab.; La., 4; Tex., 2.

7/ 10,000-24,999 group, 1 estab.; 25,000-99,999 group, 3.

8/ 100,000-499,999 group, 6 estab.; "500,000 and over" group, 2.

PROCESSED COTTON WASTE—REGULAR FACTORIES 1/

Total for man-hour tabulations	1/39	1/1,522	158.8	34.7	19.9	2.78	3.33	3.84	1.06	.51	1.54	4.90
The North (Districts A and B)	26	748	164.0	39.3	29.2	3.81	4.50	5.25	1.44	.75	1.08	5.55
The South (District C)	13	774	153.8	30.0	10.3	1.72	2.12	2.39	.67	.27	2.02	4.27
By districts and States												
District A, total	16	515	161.6	38.5	26.6	4.57	5.22	6.21	1.64	.99	.81	4.41
Massachusetts, Rhode Island, and Connecticut	2/4	85	142.3	40.0	19.0	2.22	2.81	3.60	1.38	.79	1.11	4.80
New Jersey and Pennsylvania	3/12	430	165.4	38.2	27.8	4.97	5.63	6.65	1.68	1.02	.76	4.33
District B, total	10	233	169.5	41.1	34.8	2.22	2.98	3.24	1.02	.26	1.66	8.09
Michigan, Ohio, Indiana, Illinois, and Wisconsin	4/7	148	165.3	45.2	45.1	2.36	3.26	3.46	1.10	.20	1.78	8.17
Minnesota and Missouri	5/3	85	176.9	34.4	17.8	2.00	2.52	2.88	.88	.36	1.46	7.94
District C, total	13	774	153.8	30.0	10.3	1.72	2.12	2.39	.67	.27	2.02	4.27
Maryland, North Carolina, and Tennessee	6/6	138	161.2	26.1	11.4	1.74	2.11	2.33	.59	.22	.91	4.08
South Carolina, Georgia, Alabama, and Texas	7/7	636	152.2	30.9	10.0	1.71	2.12	2.40	.69	.28	2.27	4.31
By size of plant												
1 to 20 wage earners	16	154	153.6	35.6	34.7	2.11	2.81	3.25	1.14	.44	.86	9.44
21 to 500	8/23	1,368	159.4	34.6	18.3	2.85	3.38	3.90	1.05	.52	1.62	4.39
The North by size of city												
Under 500,000 inhabitants	9/13	313	174.3	36.9	32.2	3.84	4.53	4.83	.99	.30	1.35	7.92
500,000 and over	13	435	156.7	41.3	26.8	3.79	4.47	5.59	1.80	1.12	.87	3.85
The South by size of city												
Under 100,000 inhabitants	10/4	484	145.1	33.2	6.9	1.47	1.87	2.02	.55	.15	2.62	4.85
100,000 and over	11/9	290	168.4	25.4	15.1	2.08	2.48	2.92	.84	.44	1.16	3.30

1/ Cotton branch of industry entitled "Processed waste and recovered wool fibers—Regular factories"; for the wool branch, see "Recovered wool fibers—Regular factories" on page 28. Data for 4 Contract factories processing cotton waste are given on page 27 in the second line of the industry entitled "Processed waste and recovered wool fibers—Contract factories". Biennial-census aggregates for the entire industry of regular factories (both branches) are: Establishments, 126; wage earners, 4,225; wages, \$3,370,149.

2/ Mass., 2 estab.; R. I., 1; Conn., 1.

3/ N. J., 3 estab.; Pa., 9.

4/ Mich., 2 estab.; Ohio, 1; Ind., 1; Ill., 2; Wis., 1.

5/ S. C., 1 estab.; Ga., 2; Ala., 1; Tex., 3.

6/ 21-100 group, 22 estab.; 101-500 group, 1.

7/ "Under 10,000" group, 2 estab.; 10,000-24,999 group, 2; 25,000-99,999 group, 3; 100,000-499,999 group, 6.

8/ "Under 10,000" group, 3 estab.; 25,000-99,999 group, 1.

9/ 100,000-499,999 group, 8 estab.; "500,000 and over" group, 1.

3-31629

TABLE 3.--AVERAGES PER MAN-HOUR, BY DISTRICTS AND STATES AND BY SIZE CLASSES, FOR SELECTED

ESTABLISHMENTS IN 171 INDUSTRIES: 1939---Continued

District, State, and class	Estab-lish-ments	Wage earners (average for year)	Hours per month	Per wage-earner man-hour								Horse-power per W. E.	
				Wage earnings cents	Salary costs, cents	Cost materials	Prime cost	Value products	Value added	V. P. minus P. C.	Electric energy used, KWH		
WOOLEN AND WORSTED MANUFACTURES---CONTRACT FACTORIES													
Total for man-hour tabulations	1/57	1/5,301	161.0	51.2	10.6	\$.17	\$.79	\$1.09	\$.92	\$.30	2.35	2.76	
<u>By districts and States</u>													
District A, total	36	4,446	162.9	50.2	9.8	.18	.78	1.09	.91	.31	2.57	2.53	
Maine and New Hampshire	2/3	242	155.4	44.1	7.6	.19	.71	.85	.66	.14	2.71	4.63	
Massachusetts	24	2,853	162.8	52.0	11.1	.18	.81	1.11	.93	.30	2.24	2.52	
Rhode Island	9	1,351	164.6	47.4	7.4	.17	.72	1.08	.91	.36	3.22	2.17	
District B, total	16	752	149.3	58.1	14.9	.11	.84	1.09	.98	.25	1.02	3.11	
New York and New Jersey	2/6	165	163.4	41.6	5.6	.08	.55	.75	.67	.20	.53	3.32	
Pennsylvania	10	587	145.3	63.4	17.9	.12	.93	1.19	1.07	.26	1.17	3.05	
District C---Ohio, Wisconsin, and California	4/5	103	163.9	49.7	15.7	.32	.98	1.43	1.11	.45	2.10	10.03	
<u>By size of plant</u>													
1 to 20 wage earners	18	230	144.4	47.6	12.2	.13	.73	.96	.83	.23	.97	5.62	
21 to 100	25	1,398	159.8	51.0	13.8	.17	.82	1.11	.94	.29	2.09	3.89	
101 to 2,500	5/14	3,673	162.5	51.5	9.3	.18	.78	1.10	.92	.32	2.53	2.15	
<u>By size of city</u>													
Under 10,000 inhabitants	19	2,483	164.8	49.6	8.6	.18	.76	1.04	.86	.28	2.10	2.51	
10,000 to 24,999	4	339	162.8	51.3	20.3	.18	.90	1.18	1.00	.28	2.00	3.44	
25,000 to 99,999	10	1,411	161.9	48.2	8.2	.18	.74	1.10	.92	.36	3.28	2.24	
100,000 to 499,999	11	482	158.0	50.2	10.1	.13	.73	1.05	.92	.32	1.94	3.22	
500,000 and over	13	586	144.5	68.2	20.2	.17	1.05	1.35	1.18	.30	1.67	4.28	

1/ Biennial-census totals for the industry: Establishments, 76; wage earners, 6,081; wages, \$6,061,441.

2/ Me., 2 estab.; N. H., 1.

3/ N. Y., 3 estab.; N. J., 3.

4/ Ohio, 1 estab.; Wis., 2; Calif., 2.

5/ 101-500 group, 12 estab.; 501-2,500 group, 2.

WOOLEN AND WORSTED MANUFACTURES---REGULAR FACTORIES													
Total for man-hour tabulations	1/508	1/133,911	155.7	51.2	8.7	1.61	2.21	2.62	1.01	.41	2.35	3.28	
The North (Districts A, B, C, and D)	448	121,752	155.5	52.0	8.8	1.63	2.24	2.64	1.01	.40	2.35	3.36	
The South (Districts E and F)	42	10,195	157.1	41.4	7.6	1.42	1.91	2.42	1.00	.51	2.38	2.37	
The West (District G)	18	1,964	162.5	52.0	11.2	1.34	1.97	2.38	1.04	.41	2.20	2.80	
By districts and States													
District A, total	285	86,087	153.8	52.3	7.7	1.64	2.24	2.60	.96	.36	2.54	3.53	
Maine	37	8,446	148.3	47.9	10.3	1.27	1.85	2.30	1.03	.45	2.28	4.21	
New Hampshire and Vermont	2/40	7,554	152.9	50.6	8.5	1.28	1.87	2.21	.93	.34	2.22	3.47	
Massachusetts	96	41,946	153.9	53.2	7.0	1.50	2.10	2.44	.94	.34	2.71	3.64	
Rhode Island	81	21,876	155.5	51.6	6.7	2.11	2.70	3.04	.93	.34	2.61	3.13	
Connecticut	31	6,265	156.2	56.8	11.8	1.82	2.51	2.95	1.13	.44	1.83	3.26	
District B, total	121	28,379	158.8	52.4	11.5	1.65	2.29	2.81	1.16	.52	1.85	2.91	
New York	28	6,798	159.9	51.8	14.7	1.46	2.12	2.63	1.17	.51	2.10	3.65	
New Jersey	14	10,617	157.7	52.8	8.5	1.30	1.92	2.48	1.18	.56	1.89	2.42	
Pennsylvania	79	10,964	159.2	52.3	12.5	2.10	2.75	3.23	1.13	.48	1.65	2.92	
District C, total	26	6,624	161.8	47.6	8.8	1.47	2.03	2.50	1.03	.47	2.25	3.19	
Michigan, Ohio, and Indiana	3/18	4,633	161.5	47.1	6.8	1.47	2.01	2.51	1.04	.50	2.23	3.27	
Illinois	7	1,037	153.4	45.7	13.4	1.54	2.13	2.41	.87	.28	2.49	2.59	
Wisconsin	11	954	172.2	51.6	13.6	1.37	2.02	2.50	1.13	.48	2.15	3.44	
District D---Minnesota, Iowa, and Missouri	4/6	662	164.4	45.7	19.4	1.30	1.95	2.41	1.11	.46	2.13	2.77	
District E, total	36	7,485	153.9	41.6	7.8	1.52	2.01	2.53	1.01	.52	2.29	2.54	
Delaware, Maryland, West Virginia, and Kentucky	5/11	2,112	149.9	46.8	7.5	1.53	2.07	2.56	1.03	.49	2.43	2.44	
Virginia	10	1,454	164.5	41.3	8.4	1.94	2.44	2.78	.84	.34	2.18	2.64	
North Carolina, South Carolina, and Texas	6/8	2,175	149.4	40.9	8.7	1.79	2.29	3.15	1.36	.86	2.71	2.40	
Tennessee	7	1,744	155.6	36.7	6.5	.80	1.23	1.52	.72	.29	1.70	2.74	
District F---Georgia	6	2,710	165.7	41.0	7.2	1.15	1.63	2.14	.99	.51	2.62	1.89	
District G, total	18	1,964	162.5	52.0	11.2	1.34	1.97	2.38	1.04	.41	2.20	2.80	
Utah and New Mexico	7/4	111	155.2	37.7	17.1	.85	1.40	1.82	.97	.42	1.25	2.21	
Washington and Oregon	8/8	1,478	166.8	54.3	10.3	1.39	2.04	2.47	1.08	.43	2.45	2.74	
California	6	375	147.6	46.6	13.2	1.25	1.85	2.18	.93	.33	1.38	3.20	
By size of plant													
1 to 20 wage earners	56	635	151.2	46.1	26.6	2.29	3.02	3.99	1.70	.97	1.72	6.80	
21 to 100	128	7,441	156.7	47.4	15.5	2.17	2.80	3.27	1.10	.47	1.65	4.47	
101 to 500	276	65,765	157.4	50.1	9.3	1.71	2.31	2.72	1.01	.41	2.20	3.26	
501 to 2,500	42	38,437	156.1	52.4	7.5	1.58	2.18	2.69	1.11	.51	2.57	2.94	
2,501 and over	6	21,633	149.7	54.3	6.1	1.10	1.70	1.90	.80	.20	2.71	3.42	
The North by size of city													
Under 10,000 inhabitants	225	43,161	156.3	50.4	9.5	1.60	2.20	2.57	.97	.37	2.19	3.62	
10,000 to 24,999	47	14,654	159.5	53.1	9.2	1.80	2.42	2.89	1.09	.47	2.67	3.54	
25,000 to 99,999	79	43,133	152.6	52.4	7.3	1.44	2.03	2.39	.95	.36	2.49	3.24	
100,000 to 499,999	39	13,465	156.5	53.1	8.0	1.75	2.36	2.84	1.09	.48	2.32	2.75	
500,000 and over	58	7,339	158.1	55.4	13.7	2.35	3.04	3.58	1.23	.54	1.94	3.27	

ESTABLISHMENTS IN 171 INDUSTRIES: 1939—Continued

District, Stats, and class	Estab-lish-ments	Wage earners (average for year)	Hours per month	Per wage-earner man-hour								Horse-power per W. E.	
				Wage earnings cents	Salary costs, cents	Cost mate-rials	Prime cost	Value prod-ucts	Value added	V. P. minus P. C.	Electric energy used, kWh		
WOOLEN AND WORSTED MANUFACTURES---REGULAR FACTORIES---Continued													
<u>The South by size of city</u>													
Under 10,000 inhabitants	29	6,746	157.9	41.0	7.7	\$1.47	\$1.96	\$2.54	\$1.07	\$.58	2.53	2.28	
10,000 to 99,999	2/8	2,084	153.2	43.6	6.6	1.13	1.63	1.96	.83	.33	1.94	2.36	
100,000 to 499,999	5	1,365	159.0	40.1	8.8	1.56	2.05	2.51	.95	.46	2.27	2.82	
<u>The West by size of city</u>													
Under 10,000 inhabitants	5	420	165.3	50.7	12.7	1.15	1.78	2.03	.88	.25	1.71	3.66	
10,000 to 99,999	10/6	368	153.9	48.7	16.3	.81	1.46	1.56	.75	.10	.75	3.36	
100,000 and over	11/7	1,176	164.2	53.5	9.2	1.56	2.19	2.75	1.19	.56	2.79	2.31	
1/ Biennial-census totals for the industry: Establishments, 583; wage earners, 140,022; wages, \$133,487,752.													
2/ N. H., 29 estab.; Vt., 11. 3/ Mich., 5 estab.; Ohio, 10; Ind., 3. 4/ Minn., 4 estab.; Iowa, 1; Mo., 1.													
5/ Del., 1 estab.; Md., 2; W. Va., 7; Ky., 1. 6/ N. C., 6 estab.; S. C., 1; Tex., 1. 7/ Utah, 2 estab.; N. Mex., 2.													
8/ Wash., 1 estab.; Oreg., 7. 9/ 10,000-24,999 group, 5 estab.; 25,000-99,999 group, 3.													
10/ 10,000-24,999 group, 3 estab.; 25,000-99,999 group, 3. 11/ 100,000-499,999 group, 4 estab.; "500,000 and over" group, 3.													

DYEING AND FINISHING OF WOOLEN AND WORSTED												
Total for man-hour tabulations	1/47	1/2,371	161.5	53.1	23.4	2.14	2.90	3.40	1.26	.50	1.93	4.08
<u>By districts and States</u>												
District A—Mass., R. I., and Conn.	2/22	1,375	157.9	53.2	21.0	3.04	3.78	4.26	1.22	.48	1.98	3.29
District B, total	20	899	168.7	53.4	24.1	.86	1.64	2.13	1.27	.49	1.88	5.29
New York and New Jersey	3/9	328	166.0	49.9	21.5	.61	1.32	1.96	1.35	.64	1.95	3.40
Pennsylvania	11	571	170.2	55.3	25.6	1.00	1.81	2.22	1.22	.41	1.85	6.38
District C—Illinois and California	4/5	97	147.0	47.2	51.4	1.99	2.98	3.89	1.90	.91	1.61	4.19
<u>By size of plant</u>												
1 to 20 wage earners	13	146	167.1	49.9	25.4	.74	1.49	1.91	1.17	.42	1.15	4.42
21 to 100	28	1,433	157.1	54.0	27.0	2.81	3.62	4.18	1.37	.56	1.94	4.13
101 to 500	6	792	168.5	52.1	16.9	1.25	1.94	2.34	1.09	.40	2.05	3.95
<u>By size of city</u>												
Under 10,000 inhabitants	8	466	161.6	52.4	20.9	7.47	8.21	8.65	1.18	.44	2.44	3.86
10,000 to 24,999	4	287	160.1	45.5	11.0	.44	1.00	1.34	.90	.34	1.71	3.16
25,000 to 99,999	10	709	155.7	56.2	21.1	.91	1.68	1.98	1.07	.30	1.89	3.21
100,000 to 499,999	3	55	185.9	39.9	23.9	.88	1.52	1.74	.86	.22	.94	4.69
500,000 and over	22	854	165.2	54.4	30.4	.89	1.74	2.49	1.60	.75	1.83	5.20
1/ Biennial-census totals for the industry: Establishments, 63; wage earners, 3,821; wages, \$3,944,885.												
2/ Mass., 10 estab.; R. I., 10; Conn., 2. 3/ N. Y., 7 estab.; N. J., 2. 4/ Ill., 1 estab.; Calif., 4.												

SPONGING OF WOOLEN AND WORSTED 1/												
Total for man-hour tabulations	1/43	1/739	158.7	90.9	30.3	.23	1.44	2.58	2.35	1.14	.68	1.78
The North (Districts A and B)	40	684	158.2	91.6	32.5	.23	1.47	2.62	2.39	1.15	.64	1.71
The South (District C)	3	55	164.7	82.2	4.4	.20	1.06	2.16	1.96	1.10	1.14	2.60
<u>By districts and States</u>												
District A, total	29	561	161.6	95.0	32.7	.26	1.54	2.73	2.47	1.19	.70	1.76
New York	21	395	168.3	98.1	32.6	.08	1.39	2.68	2.60	1.29	.63	1.37
Massachusetts, New Jersey, and Pennsylvania	2/8	166	145.8	86.6	33.0	.76	1.96	2.88	2.12	.92	.87	2.70
District B—Ohio, Ill., Wis., Oreg., Calif.	3/11	123	142.9	74.2	31.1	.05	1.10	2.00	1.95	.90	.32	1.46
District C—Maryland	3	55	164.7	82.2	4.4	.20	1.06	2.16	1.96	1.10	1.14	2.60
<u>By size of plant</u>												
1 to 20 wage earners	30	291	160.3	89.7	36.3	.13	1.39	2.46	2.33	1.07	.80	2.17
21 to 100	13	448	157.7	91.7	26.3	.29	1.47	2.66	2.37	1.19	.59	1.52
<u>The North by size of city</u>												
25,000 to 499,999 inhabitants	4/7	90	154.2	83.7	50.2	1.23	2.57	3.54	2.31	.97	.70	2.96
500,000 and over (South above is this city-size)	33	594	158.8	92.8	29.8	.08	1.31	2.48	2.40	1.17	.63	1.52
1/ Wool branch of industry entitled "Cloth sponging and miscellaneous special finishing"; for the cotton branch, see "Shade cloth and miscellaneous special finishing of cotton fabric" on page 24. Biennial-census aggregates for the entire industry (both branches) are: Establishments, 112; wage earners, 2,811; wages, \$3,851,672.												
2/ Mass., 2 estab.; N. J., 2; Pa., 4. 3/ Ohio, 4 estab.; Ill., 2; Wis., 1; Oreg., 1; Calif., 3. 4/ 25,000-99,999 group, 2 estab.; 100,000-499,999 group, 5.												

PROCESSED WASTE AND RECOVERED WOOL FIBERS—CONTRACT FACTORIES 1/												
Total for man-hour tabulations	1/24	1/573	167.5	44.9	14.5	.21	.80	1.17	.96	.37	2.85	8.62
Cotton branch of the industry	2/4	112	177.9	33.4	13.7	.06	.53	.63	.57	.10	.75	3.84
Wool (and rayon) branch of the industry	3/20	461	165.0	47.8	14.6	.24	.87	1.31	1.07	.44	3.40	9.79
<u>By districts and States</u>												
N. H., Vt., Mass., R. I., and Conn.	4/19	420	174.2	44.6	12.5	.21	.78	1.13	.92	.35	2.29	9.56
New York, Pennsylvania, Delaware, and South Carolina	5/5	153	149.2	45.6	20.7	.19	.85	1.29	1.10	.44	4.65	6.04
<u>By size of plant</u>												
1 to 20 wage earners	13	119	170.7	44.8	20.8	.23	.89	1.37	1.14	.48	3.44	13.99
21 to 100	11	454	166.7	44.9	12.8	.20	.78	1.12	.92	.34	2.69	7.22

ESTABLISHMENTS IN 171 INDUSTRIES: 1939—Continued

District, State, and class	Estab-lish-ments	Wage earners (average for year)	Hours per month	Per wage-earner man-hour								Horse-power per W. E.
				Wage earnings cents	Salary costs, cents	Cost materials	Prime cost	Value products	Value added	V. P. minus P. C.	Electric energy used, kWh	

PROCESSED WASTE AND RECOVERED WOOL FIBERS—CONTRACT FACTORIES ^{1/}—Continued

By size of city												
Under 10,000 inhabitants	8	157	174.7	45.5	13.7	.23	.82	\$1.32	\$1.09	.50	2.99	9.48
10,000 to 24,999	4	132	184.0	42.3	9.0	.15	.66	1.05	.90	.39	2.56	7.84
25,000 to 99,999	4	87	157.8	38.8	26.9	.17	.82	1.01	.84	.19	2.00	10.76
100,000 and over	6/8	197	154.9	49.0	13.9	.24	.87	1.19	.95	.32	3.34	7.52

^{1/} The establishments in this industry do not own the materials used in manufacture; the value-of-products item, therefore, represents receipts for work done. Biennial-census totals for the industry: Establishments, 27; wage earners, 619; wages, \$563,961.

^{2/} Mass., 3 estab.; S. C., 1.

^{3/} Includes 2 establishments in Massachusetts processing rayon.

^{4/} N. H., 1 estab.; Vt., 1; Mass., 15; R. I., 1; Conn., 1.

^{5/} N. Y., 2 estab.; Pa., 1; Del., 1; S. C., 1.

^{6/} 100,000-499,999 group, 3 estab.; ^{8/} 500,000 and over group, 5.

RECOVERED WOOL FIBERS—REGULAR FACTORIES ^{1/}

Total for man-hour tabulations	1/50	1/2,201	167.0	45.2	19.0	2.62	3.26	3.79	1.17	.53	3.15	7.89
The North (Districts A, B, and C)	45	2,175	167.0	45.4	19.1	2.63	3.27	3.80	1.17	.53	3.19	7.97
The South (District D)	5	26	169.1	28.0	13.4	1.84	2.26	3.11	1.27	.85	.50	1.54

By districts and States

District A, total	26	992	180.2	42.1	18.2	2.07	3.67	4.17	1.10	.50	2.47	7.72
Me., N. H., Vt., R. I., and Conn.	2/9	441	183.8	39.6	14.2	1.86	2.40	2.92	1.06	.52	2.76	7.92
Massachusetts	17	551	177.4	44.2	21.5	4.06	4.72	5.20	1.14	.48	2.23	7.57

District B, total	12	790	167.7	48.1	23.4	2.50	3.21	3.86	1.36	.65	4.84	9.37
New York	7	615	164.7	44.8	26.4	2.32	3.03	3.71	1.39	.68	5.15	8.18
New Jersey and Pennsylvania	2/5	175	178.2	58.7	13.8	3.07	3.79	4.35	1.28	.56	3.85	13.55

District C—Ohio, Ill., Wis., and Minn.	4/7	393	132.3	49.5	11.3	1.47	2.08	2.40	.93	.32	1.43	5.76
District D—Maryland and Georgia	5/5	26	169.1	28.0	13.4	1.84	2.26	3.11	1.27	.85	.50	1.54

By size of plant

1 to 20 wage earners	22	140	163.6	41.8	21.1	3.94	4.56	5.58	1.64	1.02	2.63	10.87
21 to 100	20	939	168.1	44.5	15.8	2.49	3.10	3.53	1.04	.43	2.82	8.34
101 to 500	8	1,122	166.6	46.1	21.6	2.57	3.25	3.80	1.23	.55	3.49	7.14

The North by size of city

Under 10,000 inhabitants	11	446	184.8	39.7	12.5	1.76	2.29	2.71	.95	.42	2.57	6.25
10,000 to 24,999	12	748	169.0	44.3	25.4	2.53	3.22	3.81	1.28	.59	3.57	8.81
25,000 to 99,999	7	277	170.5	48.0	26.4	5.33	6.07	6.70	1.37	.63	2.78	7.34
100,000 to 499,999	4	43	157.4	41.6	24.1	2.78	3.43	4.24	1.46	.81	2.21	11.35
500,000 and over	11	661	152.0	50.4	12.8	2.19	2.83	3.30	1.11	.47	3.47	8.21

^{1/} Wool branch of industry entitled "Processed waste and recovered wool fibers—Regular factories"; for the cotton branch, see "Processed cotton waste—Regular factories" on page 25. Biennial-census aggregates for the entire industry (both branches) are: Establishments, 126; wage earners, 4,225; wages, \$3,370,149.

^{2/} N. J., 1 estab.; Pa., 4.

^{4/} Ohio, 3 estab.; Ill., 1; Wis., 2; Minn., 1.

^{5/} Md., 4 estab.; Ga., 1.

FELT GOODS, WOOL, HAIR, AND JUTE (EXCEPT WOVEN FELTS AND HAT BODIES AND HATS)

Total for man-hour tabulations	1/37	1/3,346	170.1	56.5	12.5	1.91	2.60	3.45	1.54	.85	3.03	5.31
The North (Districts A, B, and C)	34	3,127	169.6	56.1	11.7	1.89	2.57	3.37	1.48	.80	3.01	5.02
The West (District D)	3	219	178.0	61.4	22.3	2.21	3.04	4.56	2.35	1.52	3.36	9.51

By districts and States

District A—Mass., R. I., and Conn.	2/13	858	164.5	57.7	16.4	1.84	2.58	3.36	1.52	.78	1.72	5.78
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District B, total	11	1,074	168.9	57.3	10.8	1.84	2.52	3.26	1.42	.74	3.25	4.65
New York and New Jersey	2/6	879	166.0	58.2	9.2	1.81	2.48	3.29	1.48	.81	3.40	4.02
Pennsylvania	5	195	181.9	53.5	17.6	1.99	2.70	3.15	1.16	.45	2.63	7.49

District C, total	10	1,195	173.9	54.0	9.3	1.96	2.59	3.47	1.51	.88	3.66	4.80
Michigan and Wisconsin	4/5	606	167.9	57.6	11.0	2.13	2.81	3.82	1.69	1.01	4.54	4.90
Illinois	5	589	180.0	50.5	7.8	1.80	2.38	3.13	1.33	.75	2.83	4.71

District D—California	3	219	178.0	61.4	22.3	2.21	3.04	4.56	2.35	1.52	3.36	9.51
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By size of plant

1 to 20 wage earners	14	145	171.8	49.8	30.8	1.77	2.58	3.03	1.26	.45	1.44	9.95
21 to 100	10	610	176.8	55.9	14.5	1.80	2.51	3.57	1.77	1.06	2.73	7.26
101 to 500	13	2,591	168.5	57.0	10.9	1.94	2.62	3.44	1.50	.82	3.19	4.59

The North by size of city

Under 10,000 inhabitants	8	864	166.7	56.8	17.3	1.71	2.45	3.34	1.63	.89	1.91	5.46
10,000 to 99,999	5/12	764	171.4	52.8	11.2	1.41	2.05	2.68	1.27	.63	1.82	4.70
100,000 to 499,999	6	438	160.5	65.3	9.3	2.42	3.16	4.10	1.68	.94	5.07	5.03
500,000 and over (West above is this city-size)	8	1,061	174.4	54.3	8.7	2.16	2.79	3.59	1.43	.80	3.91	4.89

^{1/} All establishments in the industry are covered by the biennial census.

^{2/} N. Y., 3 estab.; N. J., 3.

^{4/} Mich., 2 estab.; Wis., 3.

^{5/} Mass., 10 estab.; R. I., 1; Conn., 2.

^{6/} 10,000-24,999 group, 10 estab.; 25,000-99,999 group, 2.

WOOLEN AND WORSTED CARPET YARN, jointly with WOOL CARPETS AND RUGS

Total for man-hour tabulations	47	27,197	152.6	64.3	12.2	1.34	2.10	3.02	1.68	.92	2.01	2.58
Woolen and worsted carpet yarn industry	1/10	1/2,675	160.1	57.0	10.4	1.85	2.53	3.22	1.37	.69	3.08	2.79
Wool carpets and rugs industry	2/37	2/24,522	151.8	65.1	12.4	1.28	2.06	3.00	1.72	.94	1.99	2.56

ESTABLISHMENTS IN 171 INDUSTRIES: 1939—Continued

District, State, and class	Estab- lish- ments	Wage earners (average for year)	Hours per month	Per wage-earner man-hour								Horse- power per W. E.
				Wage earnings cents	Salary costs, cents	Cost mate- rials	Price cost	Value prod- ucts	Value added	V. P. minus P. C.	Electric energy used, kWh	

**WOOLEN AND WORSTED CARPET YARN, jointly with
WOOL CARPETS AND RUGS—Continued**

By districts and States, jointly

District A—N. H., Mass., and Conn.	3/7	3,604	142.3	66.8	15.5	\$1.11	\$1.93	\$3.07	\$1.96	\$1.14	2.25	4.64
District B, total	36	21,743	154.0	65.0	11.6	1.36	2.13	2.96	1.60	.83	2.01	2.20
New York and New Jersey	4/15	15,457	151.2	66.4	11.3	1.25	2.03	2.94	1.69	.91	1.99	1.99
Pennsylvania	21	6,286	160.8	61.8	12.3	1.60	2.34	2.99	1.39	.65	2.04	2.73
District C—Ill., Minn., Va., and N. C.	5/4	1,850	156.4	51.4	13.4	1.57	2.22	3.71	2.14	1.49	1.67	3.02

By size of plant, jointly

1 to 20 wage earners	8	100	153.6	53.0	6.1	1.13	1.72	2.11	.98	.39	1.50	6.73
21 to 100	7	485	163.0	57.6	13.5	1.40	2.11	3.02	1.62	.91	2.63	3.75
101 to 500	19	5,050	162.5	63.0	15.5	1.64	2.43	3.18	1.54	.75	1.78	3.14
501 to 2,500	9	8,004	158.1	59.7	10.8	1.51	2.22	3.20	1.69	.98	1.84	2.94
2,501 and over	4	13,558	145.2	68.1	11.8	1.11	1.91	2.86	1.75	.95	2.20	2.09

By size of city, jointly

Under 10,000 inhabitants	14	10,553	154.2	61.4	11.1	1.51	2.24	3.27	1.76		2.05	2.77
10,000 to 99,999	6/10	7,947	143.7	64.3	12.4	1.19	1.96	2.87	1.68		2.02	2.09
100,000 to 499,999	4	4,979	155.6	70.3	11.0	1.04	1.85	2.65	1.61		2.16	2.51
500,000 and over	19	3,718	163.0	64.0	16.4	1.55	2.35	3.13	1.58		1.72	3.19

1/ Biennial-census totals for the industry: Establishments, 18; wage earners, 3,137; wages, \$3,499,528.
 2/ Biennial-census totals for the industry: Establishments, 43; wage earners, 25,590; wages, \$30,143,651.
 3/ N. H., 1 estab.; Mass., 5; Conn., 1. 4/ N. Y., 8 estab.; N. J., 7. 5/ Ill., 1 estab.; Minn., 1; Va., 1; N. C., 1.
 6/ 10,000-24,999 group, 4 estab.; 25,000-99,999 group, 6.

RAYON THROWING AND SPINNING—CONTRACT FACTORIES 1/

Total for man-hour tabulations	1/26	1/2,173	151.2	34.0	4.9	.13	.52	.67	.54	.15	4.62	3.03
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By districts and States

Rhode Island, New York, New Jersey, and Maryland	2/9	352	159.3	33.5	2.7	.15	.51	.67	.52	.16	4.55	4.58
Pennsylvania	17	1,821	149.6	34.1	5.3	.13	.52	.67	.54	.15	4.63	2.73

By size of plant

1 to 20 wage earners	5	40	127.2	42.4	7.8	.13	.63	.89	.76	.26	3.43	6.43
21 to 100	13	717	158.4	32.9	4.1	.14	.51	.68	.54	.17	4.51	3.15
101 to 500	8	1,416	148.3	34.4	5.3	.12	.52	.66	.54	.14	4.70	2.88

By size of city

Under 10,000 inhabitants	10	984	154.5	34.3	5.5	.15	.55	.69	.54	.14	4.70	2.02
10,000 to 24,999	6	791	141.5	34.1	4.9	.09	.48	.61	.52	.13	3.94	3.36
25,000 to 99,999	3	241	170.0	31.2	2.3	.21	.55	.71	.50	.16	6.36	5.61
100,000 and over	3/7	157	150.3	36.1	5.7	.10	.52	.81	.71	.29	4.30	3.76

1/ The establishments in this industry do not own the materials used in manufacture; the value-of-products item, therefore, represents receipts for work done. Biennial-census totals for the industry: Establishments, 32; wage earners, 2,423; wages, \$1,480,436.
 2/ R. I., 1 estab.; N. Y., 1; N. J., 5; Md., 2. 3/ 100,000-499,999 group, 5 estab.; "500,000 and over" group, 2.

RAYON YARN AND THREAD, SPUN OR THROWN—REGULAR FACTORIES

Total for man-hour tabulations	1/43	1/5,638	154.6	36.3	7.3	1.67	2.11	2.37	.70	.26	4.49	3.33
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By districts and States

The North (Districts A and B)	37	4,176	153.9	37.4	8.6	1.54	2.00	2.31	.77	.31	4.11	3.63
The South (District C)	6	1,462	156.7	33.2	3.4	2.03	2.39	2.53	.50	.14	5.56	2.46

By districts and States

District A—Massachusetts and Rhode Island	2/6	645	151.2	40.6	11.2	1.51	2.02	2.45	.94	.43	4.84	9.67
District B, total	31	3,531	154.4	36.8	8.2	1.55	2.00	2.28	.73	.28	3.98	2.52
New York	9	373	157.8	35.8	13.7	2.77	3.27	3.85	1.08	.58	3.20	2.47
New Jersey	9	590	150.5	39.3	10.4	1.83	2.33	2.71	.88	.38	1.50	1.35
Pennsylvania and California	3/13	2,568	154.7	36.4	6.8	1.30	1.73	1.95	.65	.22	4.65	2.81
District C—Virginia and North Carolina	4/6	1,462	156.7	33.2	3.4	2.03	2.39	2.53	.50	.14	5.56	2.46

By size of plant

1 to 20 wage earners	6	65	156.7	39.7	10.6	3.64	4.14	5.22	1.58	1.08	2.58	3.58
21 to 100	21	1,036	156.5	39.7	16.7	2.13	2.69	3.10	.97	.41	2.31	6.07
101 to 2,500	5/16	4,537	154.1	35.5	5.0	1.54	1.94	2.16	.62	.22	5.02	2.70

The North by size of city

Under 10,000 inhabitants	5	1,050	164.8	37.9	7.8	1.35	1.80	1.95	.60	.15	3.09	2.89
10,000 to 24,999	5	1,520	146.8	34.1	4.0	1.17	1.55	1.81	.64	.26	5.88	2.44
25,000 to 99,999	7	454	155.0	35.0	11.5	1.88	2.34	2.75	.87	.41	3.01	3.77
100,000 to 499,999	7	690	148.0	42.4	10.5	1.68	2.21	2.67	.99	.46	4.28	7.12
500,000 and over	13	422	160.5	42.5	20.1	2.66	3.29	3.78	1.12	.49	1.86	3.69

1/ The establishments in this industry are primarily engaged in the throwing, twisting, or spinning of rayon yarn for sale as such, or for own use. (The chemical manufacture of rayon yarn and staple is classified in the "Rayon and Allied Products" industry, on page 57.) Biennial-census totals for the industry: Establishments, 59; wage earners, 5,930; wages, \$3,996,548.
 2/ Mass., 2 estab.; R. I., 4.
 3/ Pa., 11 estab.; Calif., 2. 4/ Va., 3 estab.; N. C., 3. 5/ 101-500 group, 15 estab.; 501-2,500 group, 1.
 3-31629

TABLE 3.---AVERAGES PER MAN-HOUR, BY DISTRICTS AND STATES AND BY SIZE CLASSES, FOR SELECTED
ESTABLISHMENTS IN 171 INDUSTRIES: 1939---Continued

District, State, and class	Estab- lish- ments	Wage earners (average for year)	Hours per month	Per wage-earner man-hour								Horse power per W. E.	
				Wage earnings cents	Salary costs, cents	Cost mate- rials	Prime cost	Value prod- ucts	Value added	V. P. minus P.C.	Electric energy used, KWH		
RAYON BROAD WOVEN GOODS---CONTRACT FACTORIES ^{1/}													
Total for man-hour tabulations	1/62	1/3,656	155.0	39.2	5.6	\$.08	\$.53	\$.67	\$.59	\$.14	1.58	1.34	
<u>By districts and States</u>													
District A, total	14	951	162.7	37.2	3.4	.08	.49	.61	.53	.12	2.15	1.57	
Massachusetts	6	292	154.5	40.8	4.1	.09	.54	.69	.60	.15	2.01	1.79	
New Hampshire, Rhode Island, Connecticut, New York	2/8	659	166.4	35.8	3.1	.07	.46	.57	.50	.11	2.21	1.48	
District B, total	48	2,705	152.3	40.0	6.4	.08	.54	.70	.62	.16	1.37	1.25	
New Jersey	20	603	134.7	46.0	5.8	.07	.59	.80	.73	.21	.93	1.09	
Pennsylvania and Virginia	3/28	2,102	157.4	38.5	6.6	.08	.53	.67	.59	.14	1.48	1.30	
<u>By size of plant</u>													
1 to 20 wage earners	14	197	142.5	41.6	6.2	.09	.57	.81	.72	.24	1.26	1.78	
21 to 100	39	2,118	153.2	39.4	6.3	.08	.54	.68	.60	.14	1.54	1.28	
101 to 500	9	1,341	159.7	38.6	4.6	.08	.51	.65	.57	.14	1.69	1.36	
<u>By size of city</u>													
Under 10,000 inhabitants	10	694	161.1	34.5	6.6	.07	.48	.61	.54	.13	1.52	1.39	
10,000 to 24,999	8	490	159.4	41.2	5.6	.08	.55	.72	.64	.17	2.07	2.27	
25,000 to 99,999	21	1,513	158.7	38.1	5.4	.08	.52	.64	.56	.12	1.65	1.12	
100,000 to 499,999	23	959	142.7	43.8	5.1	.07	.56	.75	.68	.19	1.23	1.16	

^{1/} The establishments in this industry do not own the materials used in manufacture; the value-of-products item, therefore, is receipts for work done. Biennial-census totals for the industry: Establishments, 79; wage earners, 4,313; wages \$3,119,831.

^{2/} N. H., 1 estab.; R. I., 5; Conn., 1; N. Y., 1.

^{3/} Pa., 27 estab.; Va., 1.

RAYON BROAD WOVEN GOODS---REGULAR FACTORIES												
Total for man-hour tabulations	1/146	1/55,850	162.5	42.3	4.5	1.36	1.83	2.12	.76	.29	3.33	2.59
The North (Districts A and B)	96	30,168	161.4	45.3	6.0	1.36	1.88	2.22	.86	.34	2.85	2.75
The South (Districts C and D)	50	25,682	163.7	38.8	2.8	1.36	1.77	2.00	.64	.23	3.89	2.40
<u>By districts and States</u>												
District A, total	37	19,658	162.8	45.6	5.5	1.31	1.82	2.10	.79	.28	3.28	3.41
Maine and New Hampshire	2/4	2,872	165.2	43.8	4.7	1.69	2.18	2.60	.91	.42	3.39	4.55
Massachusetts	13	7,070	159.6	46.3	4.5	1.23	1.73	1.95	.72	.22	3.26	3.78
Rhode Island and Connecticut	3/20	9,716	164.4	45.6	6.5	1.25	1.77	2.05	.80	.28	3.26	2.80
District B, total	59	10,510	158.9	44.7	6.8	1.47	1.99	2.45	.98	.46	2.02	1.53
New York	5	638	171.8	48.2	7.8	1.79	2.35	2.70	.91	.35	3.40	4.08
New Jersey	20	1,647	154.7	51.7	8.0	1.42	2.02	2.54	1.12	.52	.99	1.26
Pennsylvania	34	8,225	158.8	43.1	6.5	1.45	1.95	2.41	.96	.46	2.10	1.39
District C, total	33	13,983	166.4	39.2	2.5	1.38	1.80	2.04	.66	.24	3.51	2.40
Virginia	10	3,109	169.8	39.2	2.5	1.74	2.16	2.44	.70	.28	3.86	1.80
North Carolina	23	10,874	165.4	39.2	2.5	1.28	1.69	1.92	.64	.23	3.41	2.57
District D---South Carolina, Georgia, Tennessee ^{4/} 17	11,699	160.4	38.2	3.2	1.32	1.74	1.95	.63	.21	4.36	2.41	
<u>By size of plant</u>												
1 to 20 wage earners	9	136	146.2	45.3	8.6	1.55	2.09	2.76	1.21	.67	1.05	2.08
21 to 100	28	1,388	159.0	49.3	10.1	1.63	2.22	2.69	1.06	.47	1.47	1.75
101 to 500	71	17,375	164.4	41.5	4.9	1.57	2.03	2.37	.80	.34	3.00	2.44
501 and over	3/38	36,951	161.8	42.4	4.1	1.25	1.71	1.97	.72	.26	3.56	2.70
<u>The North by size of city</u>												
Under 10,000 inhabitants	25	9,020	163.3	44.8	5.4	1.32	1.82	2.12	.80	.30	2.88	3.01
10,000 to 24,999	14	5,253	166.1	44.7	7.3	1.39	1.91	2.20	.81	.29	3.22	3.15
25,000 to 99,999	29	9,319	160.4	45.3	6.7	1.60	2.12	2.60	1.00	.48	2.60	2.00
100,000 to 499,999	24	6,482	156.8	46.3	4.6	1.06	1.57	1.81	.75	.24	2.88	3.17
500,000 and over	4	94	157.4	56.3	15.5	1.46	2.18	2.58	1.12	.40	.79	2.69
<u>The South by size of city</u>												
Under 10,000 inhabitants	26	12,346	165.6	39.5	3.5	1.45	1.89	2.10	.65	.22	3.54	2.36
10,000 to 24,999	17	7,436	162.1	36.0	2.3	1.18	1.56	1.75	.57	.19	4.03	2.56
25,000 to 499,999	6/7	5,900	161.6	40.6	1.9	1.38	1.81	2.08	.70	.27	4.46	2.29

^{1/} Biennial-census totals for the industry: Establishments, 196; wage earners, 65,432; wages, \$53,435,008.

^{2/} Me., 2 estab.; N. H., 2.

^{3/} R. I., 12 estab.; Conn., 8.

^{4/} S. C., 13 estab.; Ga., 2; Tenn., 2.

^{5/} 501-2,500 group, 37 estab.; "2,501 and over" group, 1.

^{6/} 25,000-99,999 group, 5 estab.; 100,000-499,999 group, 2.

RAYON NARROW FABRICS												
Total for man-hour tabulations	1/73	1/4,632	164.0	39.2	10.2	.71	1.21	1.63	.92	.42	.76	.95
The North (Districts A, B, and C)	63	3,601	163.8	40.2	11.2	.72	1.24	1.67	.95	.43	.71	1.05
The South (District D)	10	1,031	165.0	35.7	7.1	.68	1.11	1.50	.82	.39	.93	.58
By districts and States												
District A, total	19	747	161.4	44.7	10.6	.75	1.30	1.64	.89	.34	1.25	1.54
New Hampshire	5	90	170.9	47.0	11.6	.68	1.26	1.88	1.20	.62	.57	.53
Rhode Island	3	286	156.4	44.2	12.0	.86	1.42	1.64	.78	.22	1.57	1.52
Massachusetts and Connecticut	2/11	371	163.1	44.4	9.3	.68	1.22	1.58	.90	.36	1.18	1.80

ESTABLISHMENTS IN 171 INDUSTRIES: 1939---Continued

District, State, and class	Estab- lish- ments	Wage earners (average for year)	Hours per month	Per wage-earner man-hour								Horse- power per W. E.	
				Wage earnings cents	Salary costs, cents	Cost mate- rials	Prime cost	Value prod- ucts	Value added	V. P. mines P. C.	Electric energy used, kWh		
RAYON NARROW FABRICS---Continued													
District B, total	40	2,532	164.7	38.9	11.6	.76	\$1.27	\$1.70	\$.94	\$.43	.56	.86	
New York	13	291	157.7	43.9	12.7	.93	1.50	1.98	1.05	.48	.70	.83	
New Jersey	12	563	162.0	51.0	10.5	.62	1.24	1.59	.97	.35	.95	.90	
Pennsylvania	15	1,678	166.8	34.1	11.9	.77	1.23	1.68	.91	.45	.41	.86	
District C---Ohio, Illinois, and California	3/4	322	161.7	40.4	8.6	.42	.91	1.55	1.13	.64	.68	1.42	
District D, total	10	1,031	165.0	35.7	7.1	.68	1.11	1.50	.82	.39	.93	.58	
Maryland, Virginia, North Carolina, and Tennessee	4/7	708	166.3	34.8	6.3	.57	.98	1.42	.85	.44	.73	.42	
South Carolina and Alabama	2/3	323	162.1	37.8	8.9	.92	1.39	1.69	.77	.30	1.39	.92	
By size of plant													
1 to 20 wage earners	27	307	158.1	44.1	16.4	.88	1.48	1.94	1.06	.46	.60	1.00	
21 to 100	32	1,659	164.6	41.3	10.8	.85	1.37	1.75	.90	.38	1.12	1.25	
101 to 2,500	6/14	2,666	164.4	37.3	9.2	.61	1.08	1.53	.92	.45	.56	.76	
The North by size of city													
Under 10,000 inhabitants	18	1,373	168.1	35.8	13.4	.85	1.34	1.77	.92	.43	.60	.67	
10,000 to 24,999	6	409	157.6	45.6	9.8	.51	1.06	1.50	.99	.44	.73	.90	
25,000 to 99,999	9	483	161.9	42.1	14.7	.83	1.40	1.68	.85	.28	1.27	1.82	
100,000 to 499,999	9	352	162.6	41.8	7.1	.59	1.08	1.39	.80	.31	.95	1.02	
500,000 and over	21	984	161.7	42.9	8.2	.63	1.14	1.69	1.06	.55	.51	1.29	
The South by size of city													
Under 10,000 inhabitants	5	488	161.6	30.3	4.8	.80	1.15	1.66	.86	.51	.57	.41	
10,000 to 99,999	7/5	543	168.0	40.4	9.1	.58	1.07	1.37	.79	.30	1.24	.72	

1/ Biennial-census totals for the industry: Establishments, 120; wage earners, 5,999; wages, \$4,754,593.

2/ Mass., 6 estab.; Conn., 5.

3/ Ohio, 1 estab.; Ill., 2; Calif., 1.

4/ Md., 3 estab.; Va., 2; N. C., 1; Tenn., 1.

5/ S. C., 1 estab.; Ala., 2.

6/ 101-500 group, 13 estab.; 501-2,500 group, 1.

7/ 10,000-24,999 group, 1 estab.; 25,000-99,999 group, 4.

DYEING AND FINISHING OF RAYON AND SILK TEXTILES (YARN AND FABRIC) 1/

Total for man-hour tabulations	1/161	1/16,706	160.1	55.0	15.5	.82	1.53	1.98	1.16	.45	2.37	3.35
The North (Districts A and B)	145	13,927	158.2	58.0	16.3	.71	1.45	1.91	1.20	.46	2.17	3.37
The South (District C)	12	2,705	169.3	41.2	12.0	1.37	1.90	2.31	.94	.41	3.39	3.24
The West (District D)	4	74	175.0	40.8	12.3	1.70	2.23	2.67	.97	.44	.64	2.74
By districts and States												
District A, total	18	2,933	166.3	51.3	16.4	.65	1.32	1.73	1.08	.41	2.19	4.18
Massachusetts	6	313	177.1	46.2	18.0	.49	1.14	1.37	.88	.23	2.03	6.48
Rhode Island	6	1,735	166.0	52.3	14.3	.60	1.27	1.72	1.12	.45	2.39	3.63
Connecticut	6	885	163.1	51.2	19.9	.80	1.51	1.89	1.09	.38	1.84	4.45
District B, total	127	10,994	156.1	59.9	16.3	.72	1.48	1.96	1.24	.48	2.16	3.16
New York	46	2,102	166.5	59.0	21.7	.77	1.58	2.13	1.36	.55	4.92	3.28
New Jersey	72	7,553	153.8	59.7	15.8	.72	1.47	1.96	1.24	.49	1.41	2.85
Pennsylvania	9	1,339	152.5	62.8	9.6	.68	1.41	1.70	1.02	.29	1.72	4.68
District C---Md., Va., N. C., and Tenn.	2/12	2,705	169.3	41.2	12.0	1.37	1.90	2.31	.94	.41	3.39	3.24
District D---Illinois and California	3/4	74	175.0	40.8	12.3	1.70	2.23	2.67	.97	.44	.64	2.74
By size of plant												
1 to 20 wage earners	46	493	157.4	55.1	28.4	.63	1.46	2.02	1.39	.56	.91	2.74
21 to 100	60	3,086	156.0	56.1	20.0	.88	1.64	2.08	1.20	.44	1.34	2.72
101 to 2,500	4/55	13,127	161.2	54.8	14.1	.82	1.51	1.96	1.14	.45	2.66	3.52
The North by size of city												
Under 10,000 inhabitants	22	3,467	164.7	55.0	16.6	.69	1.40	1.78	1.09	.38	2.12	3.97
10,000 to 24,999	13	2,588	153.2	60.0	15.7	.90	1.65	2.16	1.26	.51	4.99	4.81
25,000 to 99,999	26	2,217	162.4	58.2	17.1	.63	1.39	1.74	1.11	.35	1.40	3.28
100,000 to 499,999	44	3,980	153.1	56.8	15.8	.67	1.40	1.94	1.27	.54	1.26	2.26
500,000 and over (West above is this city-size)	40	1,675	159.3	63.7	16.5	.64	1.44	1.97	1.33	.53	1.16	2.69
The South by size of city												
Under 25,000 inhabitants	5/8	1,900	171.1	37.8	11.7	.51	1.00	1.35	.84	.35	2.99	2.52
25,000 and over	6/4	805	164.9	49.5	12.9	3.46	4.09	4.65	1.19	.56	4.38	4.95

1/ Rayon and silk branch of industry entitled "Dyeing and finishing of cotton, rayon, silk, and linen textiles"; for the cotton branch, see page 24. Biennial-census aggregates for the entire industry (both branches) are: Establishments, 468; wage earners, 60,237; wages, \$61,744,518.

2/ Md., 1 estab.; Va., 3; N. C., 7; Tenn., 1.

3/ Ill., 1 estab.; Calif., 3.

4/ 101-500 group, 53 estab.; 501-2,500 group, 2.

5/ "Under 10,000" group, 4 estab.; 10,000-24,999 group, 4.

6/ 25,000-99,999 group, 1 estab.; 100,000-499,999 group, 2; "500,000 and over" group, 1.

SILK THROWING AND SPINNING---CONTRACT FACTORIES 1/

Total for man-hour tabulations	1/62	1/10,532	143.5	35.8	4.5	.17	.57	.74	.57	.17	3.56	2.06
The North (First 2 groups of States below)	56	9,330	142.6	36.2	4.6	.18	.58	.75	.57	.17	3.61	2.12
The South (3rd and 4th groups)	6	1,202	149.9	33.3	3.7	.12	.49	.70	.58	.21	3.18	1.63
By districts and States												
New York and New Jersey	2/11	1,342	150.6	43.5	3.6	.19	.66	.76	.57	.10	3.31	2.53
Pennsylvania	3	7,988	141.3	34.9	4.8	.17	.57	.75	.58	.18	3.66	2.05
North Carolina	3	684	152.2	36.2	2.8	.11	.50	.77	.66	.27	3.97	1.98
Tennessee and South Carolina	2/3	518	147.0	29.4	5.0	.14	.48	.61	.47	.13	2.10	1.16

ESTABLISHMENTS IN 171 INDUSTRIES: 1939—Continued

District, State, and class	Estab- lish- ments	Wage earners (average for year)	Hours per month	Per wage-earner man-hour							V. P. mins P. C.	Electric energy used, kWh	Horse- power per W. E.
				Wage earnings cents	Salary costs, cents	Cost mate- rials	Prime cost	Value prod- ucts	Value added				

SILK THROWING AND SPINNING---CONTRACT FACTORIES ^{1/}---Continued

<u>By size of plant</u>													
1 to 20 wage earners	7	85	133.3	31.4	4.1	.13	.49	.63	.50	.14	4.97	6.69	
21 to 100	20	1,168	141.8	33.4	4.9	.12	.50	.64	.52	.14	3.85	2.58	
101 to 2,500	4/35	9,279	143.8	36.2	4.4	.18	.58	.76	.58	.18	3.51	1.96	
<u>The North by size of city</u>													
Under 10,000 inhabitants	23	2,225	147.6	32.7	4.1	.11	.48	.59	.48	.11	3.15	2.17	
10,000 to 24,999	11	3,226	143.1	35.0	5.7	.23	.64	.82	.59	.18	3.74	1.92	
25,000 to 99,999	11	2,558	133.1	37.5	3.9	.16	.57	.80	.64	.23	4.14	2.11	
100,000 and over	2/11	1,321	151.6	42.4	3.9	.18	.64	.76	.58	.12	3.16	2.57	
<u>The South by size of city</u>													
Under 10,000 inhabitants	3	327	156.9	28.9	6.4	.11	.46	.69	.58	.23	2.84	1.41	
10,000 to 99,999	5/3	875	147.3	35.1	2.7	.13	.50	.71	.58	.21	3.32	1.71	

^{1/} The establishments in this industry do not own the materials used in manufacture; the value-of-products item, therefore, represents receipts for work done. Biennial-census totals for the industry: Establishments, 78; wage earners, 12,374; wages, \$7,637,806.

^{2/} N. Y., 5 estab.; N. J., 6.

^{3/} Tenn., 2 estab.; S. C., 1.

^{4/} 101-500 group, 33 estab.; 501-2,500 group, 2.

^{5/} 100,000-499,999 group, 8 estab.; "500,000 and over" group, 3.

^{6/} 10,000-24,999 group, 1 estab.; 25,000-99,999 group, 2.

SILK YARN AND THREAD, SPUN OR THROWN—REGULAR FACTORIES													
Total for man-hour tabulations	1/46	1/8,908	156.7	39.3	8.4	1.91	2.39	2.70	.79	.31	2.55	2.33	
The North (Districts A and B)	40	8,163	156.2	39.8	9.0	1.86	2.35	2.68	.82	.33	2.56	2.37	
The South (District C)	6	745	162.4	33.4	2.2	2.43	2.78	2.95	.52	.17	2.48	1.90	

By districts and States													
District A, total	11	1,735	165.3	38.4	10.6	1.28	1.77	2.03	.75	.26	2.17	2.61	
Massachusetts	6	1,056	169.1	35.7	8.3	1.33	1.77	2.03	.70	.26	2.71	2.84	
Connecticut	5	679	159.3	42.9	14.3	1.18	1.76	2.02	.84	.26	1.28	2.26	
District B, total	29	6,428	153.8	40.2	8.6	2.04	2.52	2.87	.83	.35	2.67	2.30	
Rhode Island, New York, and New Jersey	2/10	2,742	159.5	41.1	6.1	1.98	2.45	2.63	.65	.18	2.35	1.86	
Pennsylvania, Indiana, Illinois, and California	2/19	3,686	149.5	39.5	10.5	2.08	2.58	3.06	.98	.48	2.92	2.62	
District C—N. Va., Va., N. C., Ga., and Miss.	4/6	745	162.4	33.4	2.2	2.43	2.78	2.95	.52	.17	2.48	1.90	

By size of plant													
1 to 20 wage earners	4	40	153.4	35.2	13.9	1.22	1.71	2.01	.79	.30	.77	5.95	
21 to 100	17	1,120	154.6	37.6	10.2	1.53	2.01	2.41	.88	.40	2.37	3.05	
101 to 500	21	4,696	157.1	37.7	7.5	1.92	2.38	2.72	.80	.34	2.21	2.15	
501 to 2,500	4	3,052	157.0	42.3	9.1	2.05	2.56	2.80	.75	.24	3.16	2.29	
The North by size of city													
Under 10,000 inhabitants	19	2,309	153.7	39.2	8.6	1.75	2.23	2.54	.79	.31	1.98	2.35	
10,000 to 99,999	1/7	1,207	160.4	37.2	5.3	.92	1.35	1.71	.79	.36	2.55	1.92	
100,000 to 499,999	7	2,052	157.9	37.3	7.4	1.39	1.84	2.23	.84	.39	2.72	2.43	
500,000 and over	7	2,595	155.2	43.6	12.5	2.79	3.35	3.63	.84	.28	2.94	2.53	

^{1/} Biennial-census totals for the industry: Establishments, 53; wage earners, 9,191; wages, \$6,735,942.

^{2/} N. Y., 1 estab.; N. J., 6; N. J., 3.

^{3/} Pa., 16 estab.; Ind., 1; Ill., 1; Calif., 1.

^{4/} N. Va., 1 estab.; Va., 1; N. C., 1; Ga., 2; Miss., 1.

^{5/} 10,000-24,999 group, 2 estab.; 25,000-99,999 group, 5.

SILK BROAD WOVEN GOODS—CONTRACT FACTORIES ^{1/}													
Total for man-hour tabulations	1/25	1/800	153.5	37.4	5.1	.07	.50	.57	.50	.07	1.27	1.50	
By districts and States													
District A—Massachusetts and Rhode Island	2/4	101	151.8	38.1	5.4	.12	.56	.72	.60	.16	2.15	2.77	
District B, total	21	699	153.8	37.3	5.1	.06	.49	.55	.49	.06	1.15	1.32	
New York and New Jersey	2/11	187	150.7	36.4	4.1	.07	.48	.55	.48	.07	.96	1.48	
Pennsylvania and Virginia	4/10	512	154.9	37.7	5.4	.06	.49	.55	.49	.06	1.21	1.26	
By size of plant													
1 to 20 wage earners	12	125	144.1	36.7	3.9	.10	.51	.60	.50	.09	1.44	2.50	
21 to 100	13	675	155.3	37.6	5.3	.06	.49	.56	.50	.07	1.24	1.31	
By size of city													
Under 10,000 inhabitants	6	257	154.8	37.9	6.6	.08	.52	.56	.48	.04	1.20	1.21	
25,000 to 99,999	8	292	154.6	36.1	3.3	.05	.44	.54	.49	.10	1.45	1.45	
100,000 and over	2/11	251	151.1	38.6	5.8	.09	.53	.61	.52	.08	1.14	1.86	

^{1/} The establishments in this industry do not own the materials used in manufacture; the value-of-products item, therefore, represents receipts for work done. Biennial-census totals for the industry: Establishments, 37; wage earners, 1,096; wages, \$724,812.

^{2/} Mass., 2 estab.; N. Y., 2.

^{3/} N. Y., 2 estab.; N. J., 9.

^{4/} Pa., 9 estab.; Va., 1.

^{5/} 100,000-499,999 group, 10 estab.; "500,000 and over" group, 1.

SILK BROAD WOVEN GOODS—REGULAR FACTORIES													
Total for man-hour tabulations	1/59	1/7,475	154.4	46.2	9.5	1.15	1.71	2.01	.86	.30	1.93	2.86	
The North (Districts A and B)	52	6,296	153.8	48.8	10.3	1.06	1.65	1.94	.88	.29	1.96	2.98	
The South (District C)	7	1,179	157.4	32.7	4.9	1.66	2.03	2.40	.74	.37	1.79	2.21	
By districts and States													
District A—Mass., N. Y., and Conn.	2/7	2,194	168.5	54.4	14.7	.97	1.66	1.80	.83	.14	2.35	4.36	

TABLE 3.—AVERAGES PER MAN-HOUR, BY DISTRICTS AND STATES AND BY SIZE CLASSES, FOR SELECTED

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ESTABLISHMENTS IN 171 INDUSTRIES: 1939—Continued

District, State, and class	Estab- lish- ments	Wage earners (average for year)	Hours per month	Per wage-earner man-hour								Horse- power per W. E.
				Wage earnings cents	Salary costs, cents	Cost mate- rials	Prime cost	Value prod- ucts	Value added	V. P. minus P. C.	Electric energy used, kWh	
SILK BROAD WOMEN GOODS---REGULAR FACTORIES---Continued												
District B, total	45	4,102	145.9	45.4	7.7	\$1.11	\$1.64	\$2.02	\$.91	\$.38	1.71	2.24
New York	6	452	163.2	47.7	10.4	1.09	1.67	1.96	.87	.29	1.70	2.11
New Jersey	21	1,051	140.1	51.7	10.6	.88	1.50	1.93	1.05	.43	1.24	1.74
Pennsylvania	18	2,599	145.3	42.5	6.0	1.20	1.68	2.06	.86	.38	1.90	2.46
District C---Virginia and Tennessee	3/7	1,179	157.4	32.7	4.9	1.66	2.03	2.40	.74	.37	1.79	2.21
By size of plant												
1 to 20 wage earners	13	146	123.0	46.6	24.6	1.54	2.25	2.89	1.35	.64	1.17	2.77
21 to 100	21	1,116	150.4	42.4	9.4	1.41	1.93	2.30	.89	.37	1.70	1.79
101 to 2,500	4/25	6,213	155.8	46.9	9.2	1.10	1.66	1.94	.84	.28	1.98	3.05
The North by size of city												
Under 10,000 inhabitants	9	2,269	166.9	51.7	12.2	.97	1.61	1.72	.75	.11	1.92	3.57
10,000 to 24,999	9	613	146.6	41.8	6.3	1.15	.63	2.02	.87	.39	1.88	1.69
25,000 to 99,999	17	2,405	145.5	48.1	10.3	1.15	1.73	2.16	1.01	.43	2.38	3.44
100,000 to 499,999	13	742	140.7	47.6	7.2	1.02	1.57	1.93	.91	.36	1.10	1.25
500,000 and over	4	267	169.6	48.1	10.8	.93	1.52	1.82	.89	.30	1.15	1.49
1/ Biennial-census totals for the industry: Establishments, 82; wage earners, 8,754; wages, \$7,605,930.												
2/ Mass., 1 estab.; R. I., 4; Conn., 2. 3/ Va., 6 estab.; Tenn., 1. 4/ 101-500 group, 24 estab.; 501-2,500 group, 1.												
SILK NARROW FABRICS												
Total for man-hour tabulations	1/73	1/3,945	160.4	47.1	11.2	.54	1.12	1.55	1.01	.43	.62	.89
The North (Districts A and B)	70	3,766	160.6	47.8	11.6	.55	1.14	1.57	1.02	.43	.61	.90
The South (District C)	3	179	156.8	34.1	2.7	.35	.72	1.03	.68	.31	.79	.70
By districts and States												
District A---Massachusetts and Connecticut	2/3	89	126.3	42.4	25.0	.24	.91	1.28	1.04	.37	.73	1.90
District B, total	67	3,677	161.4	47.9	11.4	.55	1.15	1.58	1.03	.43	.61	.88
New York	10	433	165.5	43.7	8.3	.56	1.08	1.75	1.19	.67	.65	.90
New Jersey	29	1,449	161.8	53.5	15.6	.48	1.17	1.71	1.23	.54	.56	.94
Pennsylvania and California	3/28	1,795	160.1	44.3	8.7	.61	1.14	1.43	.82	.29	.65	.82
District C---Maryland and Virginia	4/3	179	156.8	34.1	2.7	.35	.72	1.03	.68	.31	.79	.70
By size of plant												
1 to 20 wage earners	21	220	156.9	46.9	27.9	.60	1.34	1.85	1.25	.51	.66	1.06
21 to 100	41	1,995	158.8	45.5	11.1	.52	1.08	1.54	1.02	.46	.65	.91
101 to 500	11	1,730	162.8	49.0	9.4	.56	1.15	1.53	.97	.38	.58	.85
The North by size of city												
Under 10,000 inhabitants	20	1,287	162.6	47.6	13.2	.45	1.06	1.56	1.11	.50	.64	.89
10,000 to 24,999	6	304	151.6	49.7	9.2	.56	1.15	1.31	.75	.16	.54	1.32
25,000 to 99,999	8	656	162.7	41.6	9.5	.50	1.01	1.19	.69	.18	.61	.69
100,000 to 499,999	24	1,004	156.1	52.0	13.4	.54	1.20	1.75	1.21	.55	.51	.92
500,000 and over	12	515	167.1	46.9	8.6	.84	1.40	1.90	1.06	.50	.76	.89
1/ Biennial-census totals for the industry: Establishments, 100; wage earners, 4,309; wages, \$3,852,093.												
2/ Mass., 1 estab.; Conn., 2. 3/ Pa., 27 estab.; Calif., 1. 4/ Md., 1 estab.; Va., 2.												
HOSIERY, FULL-FASHIONED												
Total for man-hour tabulations	1/337	1/84,361	153.6	56.9	6.4	.67	1.31	1.55	.88	.24	.85	.68
The North (Districts A, B, and C)	207	54,057	151.5	59.8	6.6	.67	1.33	1.58	.91	.25	.72	.69
The South (Districts D and E)	126	29,691	157.5	51.7	6.0	.69	1.27	1.50	.81	.23	1.08	.65
The West (District F)	4	613	146.0	69.8	10.2	.72	1.52	1.80	1.08	.28	1.10	.95
By districts and States												
District A---N. H., Mass., and R. I.	2/10	3,035	162.6	48.1	5.4	.47	1.01	1.22	.75	.21	.81	.82
District B, total	179	39,778	149.5	60.5	6.3	.68	1.35	1.59	.91	.24	.64	.68
New York	11	2,820	156.6	54.1	7.1	.47	1.08	1.52	1.05	.44	.60	1.15
New Jersey	33	5,213	148.4	65.1	5.8	.83	1.54	1.73	.90	.19	.71	.64
Pennsylvania	135	31,745	149.0	60.3	6.4	.67	1.34	1.57	.90	.23	.64	.64
District C, total	18	11,244	155.6	60.7	8.0	.67	1.36	1.64	.97	.28	.96	.71
Michigan and Ohio	3/4	692	164.1	52.4	11.6	.86	1.50	1.56	.70	.06	1.31	.79
Indiana	5	4,740	152.2	63.0	7.1	.68	1.39	1.57	.89	.18	.80	.51
Illinois, Wisconsin, and Minnesota	4/9	5,812	157.3	59.9	8.3	.64	1.32	1.71	1.07	.39	1.04	.87
District D, total	108	25,237	155.5	53.0	5.9	.70	1.29	1.51	.81	.22	1.12	.66
Delaware	6	205	167.6	46.1	7.1	.80	1.33	1.44	.64	.11	.52	.57
Maryland	7	539	158.2	47.3	7.6	.56	1.11	1.33	.77	.22	.70	.48
Virginia	19	2,538	162.2	42.8	6.8	.73	1.23	1.46	.73	.23	.93	.65
North Carolina	58	18,336	155.5	55.0	5.7	.69	1.30	1.51	.82	.21	1.21	.65
Kentucky and Tennessee	3/18	3,619	149.9	51.6	5.6	.70	1.27	1.56	.86	.29	.90	.76
District E, total	18	4,454	168.9	45.0	6.8	.65	1.27	1.46	.81	.29	.90	.59
South Carolina and Georgia	5/10	2,007	166.9	47.0	6.6	.74	1.28	1.69	.95	.41	.91	.56
Alabama, Mississippi, Louisiana, and Texas	7/8	2,447	170.5	43.3	6.9	.58	1.08	1.26	.68	.18	.89	.62
District F---California	4	613	146.0	69.8	10.2	.72	1.52	1.80	1.08	.28	1.10	.95

TABLE 3.—AVERAGES PER MAN-HOUR, BY DISTRICTS AND STATES AND BY SIZE CLASSES, FOR SELECTED ESTABLISHMENTS IN 171 INDUSTRIES: 1939—Continued

District, State, and class	Estab- lish- ments	Wage earners (average for year)	Hours per month	Per wage-earner man-hour								Horse- power per W. E.
				Wage earnings cents	Salary costs, cents	Cost mate- rials	Prime cost	Value prod- ucts	Value added	V. P. minus P. C.	Electric energy used, kWh	
HOSIERY, FULL-FASHIONED---Continued												
By size of plant												
1 to 20 wage earners	38	451	154.7	50.1	6.6	.87	\$1.44	\$1.75	.88	.31	.80	1.17
21 to 100	103	5,623	154.6	52.2	9.1	.73	1.34	1.60	.87	.26	.70	.68
101 to 500	159	36,177	155.8	55.1	7.0	.73	1.36	1.62	.89	.26	.78	.62
501 to 2,500	34	30,871	150.0	58.7	5.6	.62	1.27	1.47	.85	.20	.99	.74
2,501 and over	3	11,239	155.7	60.7	5.6	.58	1.24	1.53	.95	.29	.83	.69
The North by size of city												
Under 10,000 inhabitants	109	22,555	151.7	58.8	5.8	.71	1.35	1.59	.88	.24	.65	.64
10,000 to 24,999	16	2,735	154.7	57.6	5.3	.70	1.33	1.51	.81	.18	.72	.56
25,000 to 99,999	13	2,857	158.6	62.2	5.0	.79	1.46	1.69	.90	.23	.71	.59
100,000 to 499,999	22	9,629	147.6	60.0	8.1	.63	1.31	1.46	.83	.15	.77	.61
500,000 and over	47	16,281	151.8	60.9	7.5	.60	1.29	1.63	1.03	.34	.79	.85
The South by size of city												
Under 10,000 inhabitants	70	11,661	155.5	48.9	5.7	.73	1.27	1.48	.75	.21	1.00	.60
10,000 to 24,999	31	8,137	159.2	51.0	6.1	.73	1.30	1.55	.82	.25	.97	.57
25,000 to 99,999	14	5,522	148.2	59.7	5.1	.61	1.26	1.60	.99	.34	1.41	.81
100,000 to 499,999	11	4,371	171.3	51.1	7.8	.61	1.20	1.35	.74	.15	1.15	.72
1/ Biennial-census totals for the industry: Establishments, 499; wage earners, 97,200; wages, \$100,774,988.												
2/ N. H., 2 estab.; Mass., 7; N. I., 1. 3/ Mich., 3 estab.; Ohio, 1. 4/ Ill., 3 estab.; Wis., 4; Minn., 2.												
5/ Ky., 3 estab.; Tenn., 15. 6/ S. C., 2 estab.; Ga., 8. 7/ Ala., 3 estab.; Miss., 2; La., 1; Tex., 2.												
HOSIERY, SEAMLESS												
Total for man-hour tabulations	1/319	1,49,362	155.4	37.3	5.6	.59	1.02	1.24	.65	.22	.62	.67
The North (Districts A, B, and C)	106	12,399	160.4	40.6	8.1	.60	1.09	1.38	.78	.29	.84	.98
The South (Districts D and E)	213	36,963	153.7	36.1	4.7	.58	.99	1.19	.61	.20	.55	.56
By districts and States												
District A, total	12	1,344	164.2	36.2	11.8	.57	1.05	1.28	.71	.23	.52	1.15
New Hampshire and Vermont	2/7	491	159.4	31.2	8.1	.53	.92	1.06	.53	.14	.41	1.24
Massachusetts and Connecticut	3/5	853	167.1	39.0	13.9	.59	1.12	1.40	.81	.28	.58	1.09
District B, total	72	6,475	158.7	39.2	7.9	.58	1.05	1.32	.74	.27	.47	.62
New York and New Jersey	4/13	1,026	155.2	46.8	10.5	.63	1.20	1.47	.84	.27	.98	1.21
Pennsylvania	59	5,449	159.4	37.8	7.4	.57	1.02	1.30	.73	.28	.37	.51
District C, total	22	4,580	161.6	43.7	7.1	.65	1.16	1.50	.85	.34	1.46	1.43
Michigan, Ohio, and Indiana	5/5	1,076	156.3	44.2	5.4	.59	1.09	1.33	.74	.24	1.32	1.34
Illinois and Missouri	6/11	2,622	163.6	45.6	6.8	.69	1.21	1.65	.96	.44	1.86	1.71
Wisconsin	6	882	162.0	37.6	10.2	.60	1.08	1.26	.66	.18	.43	.69
District D, total	174	29,231	153.1	37.2	4.8	.60	1.02	1.23	.63	.21	.51	.44
Delaware, Maryland, West Virginia, and Virginia	7/15	4,393	159.5	36.3	4.4	.53	.94	1.33	.80	.39	.41	.47
North Carolina	124	17,876	149.8	39.1	4.7	.69	1.13	1.31	.62	.18	.58	.41
Kentucky and Tennessee	8/35	6,962	157.2	33.0	5.2	.45	.83	1.00	.55	.17	.38	.48
District E, total	39	7,732	156.3	32.0	4.4	.50	.86	1.01	.51	.15	.70	1.04
South Carolina	6	580	157.1	34.5	3.1	.53	.91	1.03	.50	.12	.47	.94
Georgia	22	4,944	152.6	32.7	5.2	.55	.92	1.10	.55	.18	.82	1.22
Alabama	6	1,178	158.7	30.5	3.6	.45	.79	.92	.47	.13	.44	.77
Mississippi, Louisiana, Arkansas, and Texas	9/5	1,030	170.9	29.1	2.5	.31	.63	.72	.41	.09	.58	.52
By size of plant												
1 to 20 wage earners	45	579	143.4	31.1	8.1	.48	.87	1.06	.58	.19	.61	.94
21 to 100	134	7,269	151.5	34.6	7.8	.62	1.05	1.22	.60	.17	.47	.58
101 to 500	124	27,650	156.2	37.0	5.4	.59	1.01	1.22	.63	.21	.50	.55
501 to 2,500	16	13,864	156.5	39.4	4.6	.57	1.01	1.29	.72	.28	.94	.93
The North by size of city												
Under 10,000 inhabitants	50	4,074	156.3	39.4	8.8	.65	1.13	1.34	.69	.21	.59	.90
10,000 to 24,999	9	2,398	163.1	43.7	5.4	.54	1.03	1.53	.99	.50	1.61	1.99
25,000 to 99,999	17	2,630	164.4	40.5	8.7	.64	1.13	1.43	.79	.30	.76	.84
100,000 to 499,999	14	2,328	156.4	41.0	7.4	.56	1.04	1.30	.74	.26	.75	.83
500,000 and over	16	969	169.5	36.7	11.5	.61	1.09	1.32	.71	.23	.41	1.00
The South by size of city												
Under 10,000 inhabitants	109	16,301	154.8	33.8	4.2	.54	.92	1.10	.56	.18	.54	.70
10,000 to 24,999	49	7,349	152.9	35.6	4.7	.59	.99	1.23	.64	.24	.55	.42
25,000 to 99,999	40	9,767	150.1	40.2	4.9	.68	1.13	1.35	.67	.22	.60	.48
100,000 to 499,999	15	3,546	160.3	36.7	6.4	.47	.90	1.05	.58	.15	.44	.44
1/ Biennial-census totals for the industry: Establishments, 433; wage earners, 61,852; wages, \$41,862,208.												
2/ N. H., 5 estab.; Vt., 2. 3/ Mass., 3 estab.; Conn., 2. 4/ N. Y., 12 estab.; N. J., 1.												
5/ Mich., 1 estab.; Ohio, 3; Ind., 1. 6/ Ill., 10 estab.; Mo., 1. 7/ Del., 1 estab.; Md., 2; W. Va., 3; Va., 9.												
8/ Ky., 2 estab.; Tenn., 33. 9/ Miss., 2 estab.; La., 1; Ark., 1; Tex., 1.												

TABLE 3.--AVERAGES PER MAN-HOUR, BY DISTRICTS AND STATES AND BY SIZE CLASSES, FOR SELECTED

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ESTABLISHMENTS IN 171 INDUSTRIES: 1939--Continued

District, State, and class	Estab-lish-ments	Wage earners (average for year)	Hours per month	Per wage-earner man-hour								Horse-power per W. E.
				Wage earnings cents	Salary costs, cents	Cost mate-rials	Prime cost	Value prod-ucts	Value added	V. P. mims P. C.	Electric energy used, KWE	
KNITTED CLOTH--Continued												
<u>By districts and States</u>												
District A, total	27	1,314	167.7	48.4	21.1	\$2.54	\$3.24	\$3.74	\$1.20	\$.50	1.23	2.53
Massachusetts	20	1,173	172.1	48.5	20.0	2.50	3.19	3.71	1.21	.52	1.26	2.33
Rhode Island and Connecticut	2/7	141	131.0	48.0	32.7	3.00	3.81	4.10	1.10	.29	.94	4.15
District B, total	86	5,491	163.1	48.7	14.6	1.71	2.34	2.81	1.10	.47	1.38	2.61
New York	61	3,202	162.4	47.4	12.6	1.74	2.34	2.79	1.05	.45	1.28	3.07
New Jersey	9	641	173.4	48.5	13.5	2.46	3.08	3.70	1.24	.62	1.44	1.37
Pennsylvania	16	1,648	160.5	51.4	19.2	1.33	2.03	2.49	1.16	.46	1.54	2.19
District C, total	12	776	160.8	54.3	13.6	2.24	2.92	3.12	.88	.20	3.15	2.30
Michigan, Ohio, and Indiana	3/7	666	158.6	57.7	14.6	2.20	2.92	3.12	.92	.20	3.36	2.27
Illinois, Wisconsin, and California	4/5	110	173.8	34.9	7.7	2.45	2.87	3.12	.67	.25	1.98	2.51
District D--Va., N. C., Tenn., and Ga.	5/9	1,554	165.8	36.2	7.8	1.54	1.98	2.55	1.01	.57	4.02	3.06
<u>By size of plant</u>												
1 to 20 wage earners	62	574	154.8	49.2	27.9	2.49	3.26	3.94	1.45	.68	1.05	2.26
21 to 100	40	1,847	161.8	44.1	21.4	2.52	3.17	3.69	1.17	.52	1.29	1.97
101 to 2,500	6/32	6,714	165.4	47.6	11.3	1.61	2.20	2.64	1.03	.44	2.21	2.87
<u>The North by size of city</u>												
Under 10,000 inhabitants	36	2,671	167.7	45.7	13.3	1.77	2.36	2.72	.95	.36	1.51	3.54
10,000 to 24,999	17	1,541	166.5	46.9	11.8	1.53	2.12	2.63	1.10	.51	1.05	1.95
25,000 to 99,999	16	1,699	158.4	48.4	14.3	1.69	2.32	2.69	1.00	.37	1.26	2.09
100,000 to 499,999	11	315	158.7	37.9	18.2	1.92	2.48	2.96	1.04	.48	1.41	1.73
500,000 and over	45	1,355	160.2	62.3	26.3	2.91	3.80	4.47	1.56	.67	2.52	2.12
1/ Biennial-census totals for the industry: Establishments, 229; wage earners, 10,917; wages, \$10,165,641. 2/ R. I., 3 estab.; Conn., 4. 3/ Mich., 3 estab.; Ohio, 3; Ind., 1. 4/ Ill., 2 estab.; Wis., 2; Calif., 1. 5/ Va., 1 estab.; N. C., 2; Tenn., 2; Ga., 4. 6/ 101-500 group, 30 estab.; 501-2,500 group, 2.												

KNITTED GLOVES												
Total for man-hour tabulations	1/17	1/3,692	152.8	39.1	4.9	.56	1.00	1.27	.71	.27	.27	.33
<u>By districts and States</u>												
New York	11	2,381	153.4	35.9	3.6	.57	.96	1.24	.67	.28	.17	.17
Pennsylvania, Ohio, Illinois, and Wisconsin	2/6	1,311	151.6	45.0	7.4	.54	1.06	1.31	.77	.25	.45	.63
<u>By size of plant</u>												
21 to 100 wage earners	9	434	153.1	39.1	11.9	.64	1.14	1.44	.80	.30	.28	.86
101 to 500	5	1,116	153.1	39.2	5.3	.66	1.11	1.44	.78	.33	.24	.28
501 to 2,500	3	2,142	152.6	39.1	3.3	.49	.91	1.14	.65	.23	.28	.25
<u>By size of city</u>												
Under 25,000 inhabitants	3/6	1,322	154.5	35.4	5.6	.51	.92	1.09	.58	.17	.17	.19
25,000 to 499,999	4/5	1,252	148.9	45.3	5.4	.53	1.04	1.33	.80	.29	.42	.44
500,000 and over	6	1,118	155.1	36.8	3.6	.64	1.04	1.40	.76	.36	.21	.38
1/ Biennial-census totals for the industry: Establishments, 20; wage earners, 5,574; wages \$3,839,330. 2/ Pa., 1 estab.; Ohio, 1; Ill., 2; Wis., 2. 3/ "Under 10,000" group, 1 estab.; 10,000-24,999 group, 5. 4/ 25,000-99,999 group, 2 estab.; 100,000-499,999 group, 3.												

KNITTED OUTERWEAR (EXCEPT KNITTED GLOVES)--CONTRACT FACTORIES 1/												
Total for man-hour tabulations	1/166	1/3,238	148.4	45.5	4.1	.11	.61	.91	.80	.30	.41	.52
The North (Districts A and B)	157	3,158	148.1	45.7	4.1	.11	.61	.91	.80	.30	.41	.52
The West (District C)	9	80	158.6	40.6	4.4	.11	.56	.84	.73	.28	.41	.64
<u>By districts and States</u>												
District A--Massachusetts and Connecticut	2/5	251	127.1	42.4	8.9	.07	.64	.90	.83	.26	.58	.55
District B, total	152	2,907	149.9	45.5	3.8	.11	.60	.91	.80	.31	.40	.51
New York	128	2,054	146.7	46.6	3.2	.11	.61	.96	.85	.35	.42	.54
New Jersey	17	654	161.5	44.3	4.3	.13	.62	.84	.71	.22	.39	.42
Pennsylvania	7	199	145.0	37.7	8.4	.03	.49	.69	.66	.20	.30	.59
District C--California	9	80	158.6	40.6	4.4	.11	.56	.84	.73	.28	.41	.64
<u>By size of plant</u>												
1 to 20 wage earners	118	1,290	147.1	45.7	2.5	.10	.58	.99	.89	.41	.50	.64
21 to 100	45	1,443	148.5	44.3	4.6	.11	.60	.86	.75	.26	.30	.44
101 to 500	3	505	151.2	48.8	6.8	.11	.66	.83	.72	.17	.52	.41
<u>The North by size of city</u>												
Under 10,000 inhabitants	14	377	148.3	38.9	4.0	.10	.53	.80	.70	.27	.34	.49
10,000 to 24,999	6	178	133.1	36.7	1.9	.08	.47	.70	.62	.23	.27	.35
25,000 to 499,999	3/12	663	152.2	47.0	6.9	.10	.64	.86	.76	.22	.48	.47
500,000 and over (West is mostly this city-size)	125	1,940	148.0	47.3	3.4	.11	.62	.96	.85	.34	.42	.55

1/ The establishments in this industry do not own the materials used in manufacture; the value-of-products item, therefore, represents receipts for work done. Biennial-census totals for the industry: Establishments, 233; wage earners, 4,109; wages, \$3,197,994.
2/ Mass., 2 estab.; Conn., 3. 3/ 25,000-99,999 group, 9 estab.; 100,000-499,999 group, 3.
3-31629

TABLE 3.—AVERAGES PER MAN-HOUR, BY DISTRICTS AND STATES AND BY SIZE CLASSES, FOR SELECTED
ESTABLISHMENTS IN 171 INDUSTRIES: 1939—Continued

District, State, and class	Estab- lish- ments	Wage earners (average for year)	Hours per month	Per wage-earner man-hour								Horse- power per W. E.
				Wage earnings cents	Salary costs, cents	Cost mate- rials	Prime cost	Value prod- ucts	Value added	V. P. minus P. C.	Electric energy used, KWH	
KNITTED OUTERWEAR (EXCEPT KNITTED GLOVES)---REGULAR FACTORIES												
Total for man-hour tabulations	1/306	1/15,378	157.0	44.3	12.0	\$1.27	\$1.83	\$2.28	\$1.01	\$.45	.45	.76
The North (Districts A, B, C, and D)	262	12,793	156.9	44.8	12.1	1.27	1.84	2.24	.97	.40	.43	.74
The South (District E)	4	846	162.0	34.1	9.4	1.47	1.90	2.14	.67	.24	.58	1.09
The West (District F)	40	1,739	155.2	45.8	12.8	1.18	1.77	2.68	1.50	.91	.54	.75
By districts and States												
District A, total	29	2,010	155.0	42.1	14.4	1.25	1.81	2.04	.79	.23	.57	.88
Maine, New Hampshire, Vermont, and Rhode Island	2/4	216	161.6	28.6	12.2	.61	1.02	1.46	.85	.44	.15	.94
Massachusetts	20	1,390	150.0	44.4	16.7	1.55	2.16	2.39	.84	.23	.48	.92
Connecticut	5	404	168.9	42.2	8.5	.64	1.15	1.27	.63	.12	1.06	.69
District B, total	190	7,643	155.5	47.2	11.5	1.44	2.03	2.50	1.06	.47	.38	.73
New York	117	3,986	151.4	47.7	12.3	1.38	1.98	2.33	.95	.35	.42	.89
New Jersey	22	923	159.6	47.6	11.2	1.28	1.86	2.35	1.07	.49	.43	.49
Pennsylvania	51	2,734	160.1	46.8	10.5	1.58	2.15	2.80	1.22	.65	.31	.57
District C, total	37	2,974	161.8	41.0	12.2	.85	1.38	1.71	.86	.33	.46	.63
Michigan and Ohio	3/16	1,737	155.8	42.1	9.4	.82	1.34	1.63	.81	.29	.45	.52
Illinois	11	438	168.3	39.5	12.4	1.06	1.58	1.86	.80	.28	.33	.63
Wisconsin	10	799	171.5	39.8	17.4	.79	1.36	1.81	1.02	.45	.55	.86
District D---Minnesota and Missouri	4/6	166	157.0	33.0	8.3	1.21	1.62	2.06	.85	.44	.45	1.43
District E---North Carolina and Mississippi	5/4	846	162.0	34.1	9.4	1.47	1.90	2.14	.67	.24	.58	1.09
District F, total	40	1,739	155.2	45.8	12.8	1.18	1.77	2.68	1.50	.91	.54	.75
Utah, Washington, and Oregon	6/12	621	151.3	42.4	18.8	1.16	1.77	2.74	1.58	.97	.78	1.12
California	28	1,118	157.3	47.6	9.6	1.19	1.76	2.65	1.46	.89	.41	.54
By size of plant												
1 to 20 wage earners	134	1,396	150.9	47.2	13.6	1.70	2.31	2.77	1.07	.46	.48	.93
21 to 100	138	6,624	159.5	44.0	13.0	1.33	1.90	2.32	.99	.42	.37	.64
101 to 2,500	7/34	7,358	156.0	44.1	10.7	1.14	1.69	2.16	1.02	.47	.52	.83
The North by size of city												
Under 10,000 inhabitants	32	1,961	158.7	40.4	11.4	1.02	1.54	1.75	.73	.21	.65	.83
10,000 to 24,999	15	1,036	143.6	41.0	9.6	.72	1.23	1.60	.88	.37	.43	1.51
25,000 to 99,999	18	1,111	159.4	42.0	11.7	1.04	1.58	1.94	.90	.36	.32	.74
100,000 to 499,999	26	1,479	154.5	43.3	14.2	1.47	2.05	2.39	.92	.34	.47	.98
500,000 and over	171	7,206	158.5	47.3	12.2	1.40	2.00	2.47	1.07	.47	.38	.55
The West by size of city												
10,000 to 499,999	8/13	628	150.7	42.4	18.7	1.15	1.76	2.73	1.58	.97	.79	1.13
500,000 and over	27	1,111	157.7	47.6	9.6	1.19	1.76	2.65	1.46	.89	.41	.54
1/ Biennial-census totals for the industry: Establishments, 476; wage earners, 18,440; wages, \$15,518,406. 2/ Mo., 1 estab.; N. H., 1; Vt., 1; R. I., 1. 3/ Mich., 2 estab.; Ohio, 14. 4/ Minn., 5 estab.; Mo., 1. 5/ W. C., 3 estab.; Miss., 1. 6/ Utah, 4 estab.; Wash., 5; Oreg., 3. 7/ 101-500 group, 33 estab.; 501-2,500 group, 1. 8/ 10,000-24,999 group, 3 estab.; 25,000-99,999 group, 1; 100,000-499,999 group, 9.												
KNITTED UNDERWEAR												
Total for man-hour tabulations	1/157	1/33,419	155.9	38.6	8.6	.81	1.28	1.54	.73	.26	.91	1.27
The North (Districts A, B, and C)	125	22,576	155.9	40.9	9.7	.86	1.36	1.65	.79	.29	.82	1.23
The South (District D)	32	10,843	155.9	33.8	6.1	.71	1.11	1.30	.59	.19	1.08	1.34
By districts and States												
District A, total	16	2,567	150.2	45.4	14.9	.80	1.40	1.77	.97	.37	.53	1.44
Vermont	3	774	141.0	45.2	15.0	.97	1.57	1.69	.72	.12	.68	1.26
New Hampshire and Massachusetts	2/10	1,204	150.8	46.8	16.0	.73	1.36	1.99	1.26	.63	.44	1.71
Rhode Island and Connecticut	3/3	589	161.3	42.8	12.9	.74	1.30	1.47	.73	.17	.55	1.12
District B, total	95	15,002	154.0	38.8	8.2	.84	1.31	1.56	.72	.25	.86	1.24
New York and New Jersey	4/39	8,225	152.1	39.0	8.2	.79	1.26	1.49	.70	.23	1.28	1.72
Pennsylvania	56	6,777	156.3	38.6	8.3	.90	1.37	1.65	.75	.28	.37	.66
District C, total	14	5,007	164.5	44.7	11.6	.93	1.49	1.85	.92	.36	.85	1.11
Michigan, Ohio, and Indiana	5/8	2,751	157.6	44.5	10.2	.71	1.26	1.57	.86	.31	.94	1.13
Illinois, Wisconsin, and Minnesota	6/6	2,256	172.9	44.9	13.1	1.17	1.75	2.17	1.00	.42	.74	1.07
District D, total	32	10,843	155.9	33.8	6.1	.71	1.11	1.30	.59	.19	1.08	1.34
Virginia	8	1,546	160.4	32.0	8.6	.93	1.33	1.48	.55	.15	.61	.85
Maryland, North Carolina, and Tennessee	7/13	6,942	157.5	35.3	5.9	.65	1.06	1.28	.63	.22	1.29	1.38
Georgia, Alabama, and Mississippi	8/11	2,355	148.4	30.3	5.1	.74	1.09	1.23	.49	.14	.74	1.54
By size of plant												
1 to 20 wage earners	12	151	140.6	36.9	9.6	1.06	1.52	1.86	.80	.34	.54	3.48
21 to 100	58	3,401	156.4	36.2	11.9	.98	1.46	1.73	.75	.27	.38	.99
101 to 500	75	17,071	151.6	39.1	8.8	.87	1.34	1.61	.74	.27	.67	1.22
501 to 2,500	12	12,796	161.7	38.7	7.4	.69	1.15	1.39	.70	.24	1.34	1.38
The North by size of city												
Under 10,000 inhabitants	56	7,490	156.9	39.1	9.2	.85	1.34	1.59	.74	.25	.73	1.02
10,000 to 24,999	24	3,779	152.2	38.3	10.7	.86	1.35	1.56	.70	.21	.48	1.08
25,000 to 99,999	19	4,263	160.2	40.1	9.2	.91	1.40	1.63	.72	.23	.87	1.21
100,000 to 499,999	15	5,866	152.8	45.5	9.7	.81	1.36	1.76	.95	.40	1.24	1.73
500,000 and over	11	1,178	160.8	41.7	12.1	.84	1.38	1.81	.97	.43	.33	.75

ESTABLISHMENTS IN 171 INDUSTRIES: 1939--Continued

District, State, and class	Estab-lish-ments	Wage earners (average for year)	Hours per month	Per wage-earner man-hour								Horse-power per W. E.
				Wage earnings cents	Salary costs, cents	Cost mate-rials	Prime cost	Value prod-ucts	Value added	V. P. minus P. C.	Electric energy used, KWH	
KNITTED UNDERWEAR---Continued												
The South by size of city												
Under 10,000 inhabitants	12	2,158	154.0	30.8	3.4	\$.76	\$1.10	\$1.22	\$.46	\$.12	.98	1.76
10,000 to 24,999	11	2,140	160.9	31.2	8.6	.83	1.23	1.36	.53	.13	.64	.98
25,000 to 99,999	4	2,747	142.0	36.9	7.0	.81	1.25	1.61	.80	.36	.79	.95
100,000 to 499,999	5	3,798	164.3	34.8	5.5	.56	.96	1.11	.55	.15	1.55	1.58
1/ Biennial-census totals for the industry: Establishments, 199; wage earners, 38,536; wages, \$27,404,769.												
2/ W. H., 1 estab.; Mass., 9. 3/ R. I., 1 estab.; Conn., 2. 4/ N. Y., 37 estab.; N. J., 2.												
5/ Mich., 4 estab.; Ohio, 2; Ind., 2. 6/ Ill., 2 estab.; Wis., 3; Minn., 1. 7/ Md., 1 estab.; N. C., 6; Tenn., 6.												
8/ Ga., 5 estab.; Ala., 5; Miss., 1.												
WORK CLOTHING (EXCEPT WORK SHIRTS), SPORT GARMENTS (EXCEPT LEATHER), AND OTHER MEN'S AND BOYS' APPAREL NOT ELSEWHERE CLASSIFIED												
Total for man-hour tabulations	1,459	1,46,224	150.1	36.2	6.3	1.06	1.48	1.73	.67	.25	.27	.39
The North (Districts A, B, C, and D)	272	22,973	152.6	38.7	6.6	1.08	1.54	1.80	.72	.26	.28	.43
The South (Districts E, F, and G)	143	19,960	147.8	31.2	5.7	1.01	1.38	1.58	.57	.20	.25	.35
The West (District H)	44	3,291	146.6	48.4	7.8	1.10	1.66	2.11	1.01	.45	.31	.43
By districts and States												
District A, total	41	1,868	157.8	39.0	8.4	.94	1.41	1.76	.82	.35	.24	.69
Maine	4	164	164.9	28.8	4.7	.69	1.03	1.22	.53	.19	.21	.47
New Hampshire and Vermont	2/5	241	130.8	38.9	14.8	1.26	1.79	2.26	1.00	.47	.19	.79
Massachusetts	26	1,305	161.0	41.5	8.1	.94	1.44	1.78	.84	.34	.26	.75
Rhode Island and Connecticut	3/6	158	165.1	29.5	7.0	.80	1.17	1.57	.77	.40	.20	.26
District B, total	104	6,397	153.0	39.2	6.3	1.13	1.59	1.83	.70	.24	.21	.35
New York	46	2,094	151.3	41.6	9.3	1.15	1.66	1.90	.75	.24	.24	.37
New Jersey	20	1,493	145.3	46.2	4.7	1.16	1.67	1.96	.80	.29	.20	.40
Pennsylvania	38	2,810	158.2	34.1	5.0	1.11	1.50	1.73	.62	.23	.19	.30
District C, total	79	8,782	148.7	39.1	6.6	1.11	1.57	1.78	.67	.21	.31	.43
Michigan and Ohio	4/20	2,240	150.9	40.2	6.5	1.17	1.63	1.73	.56	.10	.47	.69
Indiana	24	3,378	146.7	38.3	5.4	1.04	1.48	1.71	.67	.23	.26	.32
Illinois	26	2,213	149.0	39.9	7.6	1.18	1.65	1.94	.76	.29	.25	.36
Wisconsin	9	451	152.9	36.7	11.4	1.21	1.69	1.89	.68	.20	.28	.28
District D, total	48	5,926	156.2	37.6	6.3	1.02	1.46	1.79	.77	.33	.30	.43
Minnesota	18	851	147.7	49.9	11.1	1.29	1.90	2.32	1.03	.42	.35	.47
Iowa	6	321	146.8	33.7	12.6	.94	1.40	1.55	.61	.15	.24	.40
Missouri and Kansas	5/24	4,754	158.3	35.7	5.1	.98	1.39	1.71	.73	.32	.30	.42
District E, total	66	10,290	146.2	32.0	4.7	1.04	1.41	1.61	.57	.20	.27	.32
Delaware, Maryland, and West Virginia	6/20	1,131	157.2	32.6	8.4	1.01	1.42	1.64	.63	.22	.26	.28
Virginia	16	3,122	148.4	30.0	4.8	.99	1.34	1.54	.55	.20	.22	.30
North Carolina	7	2,181	142.3	34.5	5.3	1.27	1.67	1.84	.57	.17	.32	.32
Kentucky	9	1,402	138.7	29.4	3.4	.57	.90	1.06	.49	.16	.26	.38
Tennessee	14	2,454	146.2	33.4	2.9	1.19	1.55	1.80	.61	.25	.30	.32
District F, total	43	6,087	144.1	30.3	7.1	.96	1.34	1.51	.55	.17	.24	.36
South Carolina, Georgia, and Florida	7/22	2,376	146.6	30.7	7.3	1.03	1.41	1.67	.64	.26	.21	.40
Alabama	5	283	130.0	32.1	5.7	.99	1.37	1.45	.46	.08	.26	.21
Mississippi	5	1,983	143.5	30.5	4.3	.81	1.16	1.34	.53	.18	.23	.29
Louisiana and Arkansas	8/11	1,445	143.6	29.1	10.6	1.05	1.45	1.49	.44	.04	.32	.41
District G---Oklahoma and Texas	2/34	3,583	158.8	30.5	6.3	1.03	1.40	1.62	.59	.22	.22	.42
District H, total	44	3,291	146.6	48.4	7.8	1.10	1.66	2.11	1.01	.45	.31	.43
Colorado and Utah	10/4	371	137.9	48.2	8.2	.89	1.46	1.66	.77	.20	.21	.44
Washington and Oregon	11/11	882	132.3	54.1	11.3	1.47	2.12	2.50	1.03	.38	.41	.44
California	29	2,038	154.4	46.3	6.5	.99	1.52	2.04	1.05	.52	.29	.42
By size of plant												
1 to 20 wage earners	118	1,310	145.0	38.6	15.9	1.15	1.69	2.06	.91	.37	.35	.49
21 to 100	201	10,080	148.6	35.2	8.4	.95	1.39	1.64	.69	.25	.23	.34
101 to 500	130	28,069	150.2	37.1	5.3	1.05	1.48	1.75	.70	.27	.26	.40
501 to 2,500	10	6,765	152.8	33.6	5.3	1.20	1.59	1.72	.52	.13	.35	.41
The North by size of city												
Under 10,000 inhabitants	64	7,246	154.8	35.4	5.2	1.13	1.53	1.72	.59	.19	.30	.47
10,000 to 24,999	26	3,053	154.4	31.5	5.1	.90	1.27	1.55	.65	.28	.25	.30
25,000 to 99,999	43	4,707	151.9	37.7	6.3	1.16	1.60	1.80	.64	.20	.23	.37
100,000 to 499,999	48	4,326	146.2	47.9	7.2	1.03	1.58	1.97	.94	.39	.32	.43
500,000 and over	91	3,641	155.0	42.2	10.2	1.09	1.61	1.95	.86	.34	.25	.51
The South by size of city												
Under 10,000 inhabitants	42	5,627	145.8	30.4	3.8	.87	1.21	1.39	.52	.18	.24	.34
10,000 to 24,999	19	3,890	142.3	31.7	4.8	.98	1.35	1.49	.51	.14	.30	.33
25,000 to 99,999	33	6,046	145.4	31.4	7.1	1.18	1.56	1.76	.58	.20	.27	.32
100,000 to 499,999	38	3,777	158.5	30.8	6.3	.99	1.36	1.63	.64	.27	.22	.43
500,000 and over	11	620	159.7	35.0	10.5	1.11	1.57	1.83	.72	.26	.22	.31
The West by size of city												
Under 500,000 inhabitants	12/21	1,681	138.4	49.7	8.9	1.18	1.76	2.05	.87	.29	.32	.46
500,000 and over	23	1,610	155.3	47.1	6.9	1.02	1.56	2.16	1.14	.60	.31	.39

ESTABLISHMENTS IN 171 INDUSTRIES: 1939---Continued

District, State, and class	Estab-lish-ments	Wage earners (average for year)	Hours per month	Per wage-earner man-hour								Horse-power per W. E.
				Wage earnings cents	Salary costs, cents	Cost mate-rials	Prime cost	Value prod-ucts	Value added	V. P. minus P. C.	Electric energy used, KWH	
WORK CLOTHING (EXCEPT WORK SHIRTS), SPORT GARMENTS (EXCEPT LEATHER), AND OTHER MEN'S AND BOYS' APPAREL NOT ELSEWHERE CLASSIFIED---Continued												
1/ Biennial-census totals for the industry: Establishments, 742; wage earners, 56,959; wages, \$36,796,518.												
2/ N. H., 3 estab.; Vt., 2. 3/ R. I., 3 estab.; Conn., 3. 4/ Mich., 7 estab.; Ohio, 13.												
5/ Mo., 21 estab.; Kans., 3. 6/ Del., 3 estab.; Md., 15; W. Va., 2. 7/ S. C., 1 estab.; Ga., 19; Fla., 2.												
8/ La., 7 estab.; Ark., 4. 9/ Okla., 2 estab.; Tex., 32. 10/ Colo., 3 estab.; Utah, 1.												
11/ Wash., 9 estab.; Oreg., 2. 12/ "Under 10,000" group, 1 estab.; 10,000-24,999 group, 1; 100,000-499,999 group, 19.												

TROUSERS (SEMDRESS), WASH SUITS, AND WASHABLE SERVICE APPAREL

Total for man-hour tabulations	1/169	1/13,900	149.7	35.8	6.4	\$.88	\$1.30	\$1.59	\$.71	\$.29	.20	.41
The North (Districts A, B, C, and D)	120	8,742	147.6	38.0	7.5	.86	1.31	1.56	.70	.25	.18	.46
The South (Districts E, F, and G)	35	4,543	155.9	30.9	4.3	.88	1.23	1.58	.70	.35	.24	.32
The West (District H)	14	615	133.4	43.4	7.7	1.19	1.70	2.09	.90	.39	.23	.32
<u>By districts and States</u>												
District A, total	15	996	162.5	35.4	5.1	.67	1.07	1.25	.58	.18	.14	.63
Massachusetts	11	617	156.8	37.5	5.6	.88	1.31	1.51	.63	.20	.15	.91
Maine and Connecticut	2/4	379	171.9	32.1	4.3	.35	.71	.86	.51	.15	.12	.18
District B, total	62	3,698	142.9	40.5	5.8	.78	1.24	1.45	.67	.21	.18	.25
New York	32	1,018	148.2	48.1	9.4	.81	1.39	1.80	.99	.41	.24	.36
New Jersey	6	355	144.7	39.4	6.5	2.08	2.54	2.65	.57	.11	.13	.26
Pennsylvania	24	2,325	140.3	37.2	4.1	.56	.97	1.11	.55	.14	.16	.20
District C, total	28	2,830	143.0	36.5	8.8	1.10	1.55	1.88	.78	.33	.20	.28
Michigan and Ohio	3/8	801	152.4	35.4	10.0	1.21	1.67	1.97	.76	.30	.22	.28
Indiana	7	1,362	149.7	33.6	8.7	.93	1.35	1.56	.63	.21	.19	.23
Illinois and Wisconsin	4/13	667	118.0	45.8	7.5	1.37	1.90	2.56	1.19	.66	.21	.37
District D, total	15	1,218	160.6	26.4	11.1	.72	1.20	1.45	.73	.25	.19	1.38
Minnesota, Iowa, and Nebraska	5/5	249	147.2	36.8	10.0	1.23	1.70	1.93	.70	.23	.14	.33
Missouri	10	969	164.0	36.4	11.4	.61	1.08	1.34	.73	.26	.20	1.65
District E, total	13	1,080	142.9	29.7	5.4	.48	.83	1.05	.57	.22	.26	.31
Maryland	8	715	143.6	31.5	4.4	.52	.88	1.08	.56	.20	.27	.30
Kentucky and Tennessee	5/5	365	141.5	26.2	7.3	.39	.72	.98	.59	.26	.25	.33
District F, total	14	2,787	158.2	31.6	3.7	.99	1.34	1.65	.66	.31	.24	.32
Georgia	6	1,736	158.3	32.4	3.4	1.02	1.38	1.70	.68	.32	.24	.29
South Carolina, Florida, Alabama, and Mississippi	7/4	574	158.3	30.4	3.6	.73	1.07	1.38	.65	.31	.19	.40
Louisiana	4	477	157.9	30.1	4.8	1.19	1.54	1.83	.64	.29	.27	.32
District G---Texas	8	676	167.2	30.1	5.2	1.00	1.35	2.00	1.00	.65	.19	.34
District H---Colorado, Washington, California	8/14	615	133.4	43.4	7.7	1.19	1.70	2.09	.90	.39	.23	.32
<u>By size of plant</u>												
1 to 20 wage earners	53	606	146.6	41.5	11.0	1.00	1.52	1.89	.89	.37	.30	.46
21 to 100	73	3,832	149.8	37.6	7.4	.84	1.29	1.55	.71	.26	.21	.42
101 to 2,500	2/43	9,462	149.9	34.7	5.7	.88	1.29	1.58	.70	.29	.19	.40
<u>The North by size of city</u>												
Under 10,000 inhabitants	24	2,638	146.5	32.0	4.1	.61	.97	1.13	.52	.16	.15	.30
10,000 to 24,999	4	311	151.1	39.8	8.5	2.44	2.92	3.22	.78	.30	.27	.42
25,000 to 99,999	7	1,328	134.0	40.5	8.8	1.04	1.54	1.87	.83	.33	.17	.25
100,000 to 499,999	23	1,947	153.8	37.2	6.7	.89	1.33	1.53	.64	.20	.16	.40
500,000 and over	62	2,518	150.8	43.4	10.9	.80	1.34	1.67	.87	.33	.24	.79
<u>The South by size of city</u>												
Under 10,000 inhabitants	12	1,654	161.1	28.9	3.9	.70	1.03	1.32	.62	.29	.24	.35
10,000 to 99,999	10/3	953	137.6	31.6	2.5	1.04	1.38	1.97	.93	.59	.24	.31
100,000 to 499,999	16	1,516	164.1	32.7	5.1	1.05	1.43	1.73	.68	.30	.21	.30
500,000 and over	4	420	147.7	31.1	6.7	.63	1.01	1.24	.61	.23	.29	.30
1/ Biennial-census totals for the industry: Establishments, 297; wage earners, 19,541; wages, \$12,841,415.												
2/ Me., 2 estab.; Conn., 2. 3/ Mich., 2 estab.; Ohio, 6. 4/ Ill., 12 estab.; Wis., 1.												
5/ Minn., 3 estab.; Iowa, 1; Nebr., 1. 6/ Ky., 4 estab.; Tenn., 1. 7/ S. C., 1 estab.; Fla., 1; Ala., 1; Miss., 1.												
8/ Colo., 1 estab.; Wash., 2; Calif., 11. 9/ 101-500 group, 41 estab.; 501-2,500 group, 2.												
10/ 10,000-24,999 group, 1 estab.; 25,000-99,999 group, 2.												

LEATHER AND SHEEP-LINED CLOTHING

Total for man-hour tabulations	1/61	1/3,541	156.3	54.9	12.3	1.69	2.36	2.69	1.00	.33	.29	.33
The North (Districts A, B, C, and D)	52	3,117	158.0	54.5	12.0	1.71	2.37	2.69	.98	.32	.30	.33
The West (District E)	9	424	144.2	58.1	14.2	1.52	2.25	2.66	1.14	.41	.22	.35
<u>By districts and States</u>												
District A---Massachusetts and Connecticut	2/13	618	150.2	56.4	15.9	1.67	2.39	2.88	1.21	.49	.25	.39
District B, total	21	880	170.9	46.4	12.0	1.80	2.38	2.66	.86	.28	.16	.33
New York	12	382	172.8	48.2	14.2	1.68	2.31	2.43	.75	.12	.17	.29
New Jersey and Pennsylvania	3/9	498	169.5	45.1	10.2	1.89	2.44	2.85	.96	.41	.16	.35
District C, total	12	917	151.7	60.9	11.3	1.64	2.36	2.68	1.04	.32	.26	.35
Ohio, Indiana, and Illinois	4/9	410	141.5	52.5	5.6	1.57	2.15	2.57	1.00	.42	.19	.19
Wisconsin	3	507	160.0	66.9	15.3	1.69	2.51	2.76	1.07	.25	.31	.48
District D---Minnesota and Missouri	5/6	702	156.8	55.6	9.9	1.71	2.36	2.60	.89	.24	.58	.26

TABLE 3.---AVERAGES PER MAN-HOUR, BY DISTRICTS AND STATES AND BY SIZE CLASSES, FOR SELECTED
ESTABLISHMENTS IN 171 INDUSTRIES: 1939---Continued

39

District, State, and class	Estab- lish- ments	Wage earners (average for year)	Hours per month	Per wage-earner man-hour								Horse- power per W. E.	
				Wage earnings cents	Salary costs, cents	Cost mate- rials	Prime cost	Value prod- ucts	Value added	V. P. minus P. C.	Electric energy used, KWH		
LEATHER AND SHEEP-LINED CLOTHING---Continued													
District E---Oregon and California	6/9	424	144.2	58.1	14.2	\$1.52	\$2.25	\$2.66	\$1.14	\$.41	.22	.35	
By size of plant													
1 to 20 wage earners	27	269	158.5	50.4	11.4	1.36	1.98	2.38	1.02	.40	.30	.46	
21 to 100	24	1,227	155.9	54.8	13.3	1.78	2.46	2.85	1.07	.39	.24	.36	
101 to 500	10	2,045	156.3	55.5	11.8	1.68	2.35	2.64	.96	.29	.32	.30	
The North by size of city													
Under 100,000 inhabitants	7/14	798	165.1	43.0	11.4	1.57	2.12	2.39	.82	.27	.14	.26	
100,000 to 499,999	8	705	155.0	50.8	8.8	1.62	2.22	2.61	.99	.39	.37	.36	
500,000 and over (West is mostly this city-size)	30	1,614	155.8	62.0	13.8	1.82	2.58	2.89	1.07	.31	.35	.35	
1/ Biennial-census totals for the industry: Establishments, 97; wage earners, 4,672; wages, \$4,578,002. 2/ Mass., 12 estab.; Conn., 1. 3/ N. J., 6 estab.; Pa., 3. 4/ Ohio, 2 estab.; Ind., 1; Ill., 6. 5/ Minn., 3 estab.; Mo., 3. 6/ Oreg., 1 estab.; Calif., 8. 7/ "Under 10,000" group, 2 estab.; 10,000-24,999 group, 8; 25,000-99,999 group, 4.													

RAINCOATS AND OTHER WATERPROOF GARMENTS (EXCEPT OILED COTTON)												
Total for man-hour tabulations	1/35	1/1,792	144.0	42.8	11.6	1.16	1.70	2.03	.87	.33	.21	.30
By districts and States												
Massachusetts and Rhode Island	2/10	806	123.2	48.5	8.8	1.39	1.96	2.37	.98	.41	.23	.35
New York, Pennsylvania, and Maryland	3/14	519	162.2	45.4	17.2	1.30	1.92	2.25	.95	.33	.18	.20
Ohio, Indiana, Illinois, and Wisconsin	4/11	467	159.9	32.4	9.0	.68	1.10	1.32	.64	.22	.22	.32
By size of plant												
1 to 20 wage earners	17	164	137.6	52.5	16.5	1.08	1.77	2.23	1.15	.46	.32	.41
21 to 100	9	350	159.4	41.7	17.1	1.08	1.67	1.98	.90	.31	.26	.22
101 to 500	9	1,278	140.7	42.0	9.3	1.19	1.70	2.02	.83	.32	.18	.31
By size of city												
Under 100,000 inhabitants	5/6	273	129.3	45.6	11.5	1.50	2.07	2.59	1.09	.52	.27	.54
100,000 to 499,999	6	436	167.2	38.0	5.6	.66	1.09	1.27	.61	.18	.23	.27
500,000 and over	23	1,083	138.5	44.5	14.6	1.32	1.91	2.27	.95	.36	.19	.25
1/ Biennial-census totals for the industry: Establishments, 76; wage earners, 2,323; wages, \$1,873,838. 2/ Mass., 9 estab.; R. I., 1. 3/ N. Y., 10 estab.; Pa., 3; Md., 1. 4/ Ohio, 3 estab.; Ind., 1; Ill., 5; Wis., 2. 5/ "Under 10,000" group, 4 estab.; 25,000-99,999 group, 2.												

WORK SHIRTS												
Total for man-hour tabulations	1/71	1/12,336	151.4	30.0	3.4	.83	1.17	1.40	.57	.23	.30	.33
The North (Districts A and B)	27	3,306	144.8	34.5	5.6	1.10	1.50	1.74	.64	.24	.34	.35
The South (Districts C and D)	44	9,030	153.8	28.4	2.6	.74	1.05	1.28	.54	.23	.28	.32
By districts and States												
District A, total	18	1,158	139.3	35.4	7.9	1.02	1.46	1.80	.78	.34	.37	.42
New York and New Jersey	2/8	381	127.8	41.4	14.3	1.14	1.70	2.08	.94	.38	.29	.33
Pennsylvania	10	777	144.9	32.8	5.1	.97	1.35	1.68	.71	.33	.41	.47
District B---Indiana, Iowa, Missouri, Oregon	3/9	2,148	147.8	34.0	4.4	1.14	1.53	1.71	.57	.18	.32	.31
District C, total	29	5,330	158.4	28.0	2.1	.68	.98	1.17	.49	.19	.28	.32
Maryland and Virginia	4/11	1,069	153.5	28.1	2.0	.85	1.15	1.32	.47	.17	.21	.26
Kentucky and Tennessee	5/18	4,261	159.7	28.0	2.1	.64	.94	1.13	.49	.19	.30	.34
District D, total	15	3,700	147.2	29.1	3.4	.84	1.16	1.47	.63	.31	.29	.32
Georgia, Alabama, and Texas	6/7	1,434	146.5	28.9	3.6	.93	1.25	1.52	.59	.27	.24	.32
Mississippi	8	2,266	147.7	29.3	3.4	.78	1.11	1.44	.66	.33	.32	.31
By size of plant												
1 to 100 wage earners	7/29	1,272	138.6	33.9	6.2	.94	1.34	1.55	.61	.21	.30	.49
101 to 2,500	8/42	11,064	152.9	29.6	3.1	.83	1.15	1.39	.56	.24	.30	.31
The North by size of city												
Under 10,000 inhabitants	14	1,580	145.3	33.8	4.2	.93	1.31	1.61	.68	.30	.33	.36
10,000 to 24,999	3	523	127.0	41.5	6.9	1.51	1.99	2.17	.66	.18	.29	.40
25,000 to 99,999	3	985	152.5	30.1	5.2	1.10	1.46	1.60	.50	.14	.37	.30
100,000 and over	9/7	218	149.3	44.4	14.4	1.51	2.10	2.42	.91	.32	.33	.38
The South by size of city												
Under 10,000 inhabitants	29	6,421	157.2	28.0	2.5	.74	1.04	1.24	.50	.20	.27	.32
10,000 to 24,999	6	1,112	142.9	29.7	2.7	.53	.85	1.28	.75	.43	.30	.33
25,000 to 99,999	3	868	146.6	28.9	3.2	.98	1.30	1.47	.49	.17	.34	.31
100,000 and over	10/6	629	148.9	30.1	3.1	.81	1.14	1.47	.66	.33	.35	.34
1/ Biennial-census totals for the industry: Establishments, 87; wage earners, 13,449; wages, \$7,269,148. 2/ N. Y., 7 estab.; N. J., 1. 3/ Ind., 5 estab.; Iowa, 1; Mo., 2; Oreg., 1. 4/ Md., 8 estab.; Va., 3. 5/ Ky., 1 estab.; Tenn., 17. 6/ Ga., 4 estab.; Ala., 2; Tex., 1. 7/ 1-20 group, 4 estab.; 21-100 group, 25. 8/ 101-500 group, 41 estab.; 501-2,500 group, 1. 9/ 100,000-499,999 group, 2 estab.; "500,000 and over" group, 5. 10/ 100,000-499,999 group, 5 estab.; "500,000 and over" group, 1.												

MEN'S AND BOYS' SHIRTS (EXCEPT WORK SHIRTS), COLLARS, AND NIGHTWEAR---CONTRACT FACTORIES 1/												
Total for man-hour tabulations	1/106	1/10,520	142.8	33.7	2.8	.05	.42	.50	.45	.08	.16	.21
The North (Districts A and B)	88	8,702	143.3	34.4	2.7	.05	.42	.50	.45	.08	.15	.21
The South (Districts C and D)	15	1,758	139.7	30.3	3.1	.07	.40	.49	.42	.09	.19	.25
The West (District E)	3	60	153.8	39.6	1.8	.23	.64	.84	.61	.20	.19	.33

TABLE 3.—AVERAGES PER MAN-HOUR, BY DISTRICTS AND STATES AND BY SIZE CLASSES, FOR SELECTED
ESTABLISHMENTS IN 171 INDUSTRIES: 1939—Continued

District, State, and class	Estab- lish- ments	Wage earners (average for year)	Hours per month	Per wage-earner man-hour								Horse- power per W. E.	
				Wage earnings cents	Salary costs, cents	Cost mate- rials	Prime cost	Value prod- ucts	Value added	V. P. minus P. C.	Electric energy used, kWh		
MEN'S AND BOYS' SHIRTS (EXCEPT WORK SHIRTS), COLLARS, AND NIGHTWEAR---CONTRACT FACTORIES 1/---Continued													
By districts and States													
District A---Massachusetts and Connecticut . . .	2/7	1,177	136.8	38.5	2.4	.06	.47	.54	.48	.07	.11	.12	
District B, total	81	7,525	144.4	33.7	2.7	.05	.41	.49	.44	.08	.15	.22	
New York	22	1,110	136.0	39.2	3.5	.06	.49	.61	.55	.12	.16	.23	
New Jersey	8	915	151.5	36.3	3.2	.04	.43	.51	.47	.08	.15	.25	
Pennsylvania and Illinois	3/51	5,500	144.9	32.3	2.5	.04	.39	.46	.42	.07	.15	.21	
District C, total	12	1,073	133.5	29.2	1.7	.03	.34	.42	.39	.08	.21	.28	
Delaware and Maryland	4/8	483	151.6	26.7	1.1	.02	.30	.41	.39	.11	.16	.29	
West Virginia, Virginia, North Carolina, Tennessee	5/4	590	118.7	31.7	2.3	.05	.39	.44	.39	.05	.26	.27	
District D---South Carolina and Georgia . . .	6/3	685	149.4	31.8	5.1	.11	.48	.57	.46	.09	.18	.20	
District E---California	3	60	153.8	39.6	1.8	.23	.64	.84	.61	.20	.19	.33	
By size of plant													
1 to 20 wage earners	14	152	137.6	33.0	3.1	.05	.41	.64	.59	.23	.24	.38	
21 to 100	57	3,012	138.4	32.1	2.1	.05	.39	.48	.43	.09	.17	.24	
101 to 2,500	7/35	7,356	144.7	34.4	3.0	.05	.43	.50	.45	.07	.15	.20	
The North by size of city													
Under 10,000 inhabitants	44	4,587	143.5	33.8	2.4	.04	.40	.47	.43	.07	.14	.22	
10,000 to 24,999	10	1,299	144.6	33.9	2.1	.04	.40	.47	.43	.07	.14	.14	
25,000 to 99,999	12	1,553	145.4	34.7	3.7	.06	.44	.52	.46	.08	.17	.21	
100,000 to 499,999	5	539	151.9	33.9	3.1	.07	.44	.53	.46	.09	.13	.25	
500,000 and over (West above is this city-size) . .	17	724	129.4	38.4	3.5	.05	.47	.62	.57	.15	.16	.22	
1/ The establishments in this industry do not own the materials used in manufacture; the value-of-products item, therefore, represents receipts for work done. Biennial-census totals for the industry: Establishments, 141; wage earners, 13,371; wages, \$7,619,301.													
2/ Mass., 2 estab.; Conn., 5. 3/ Pa., 50 estab.; Ill., 1. 4/ Del., 2 estab.; Md., 6.													
5/ W. Va., 1 estab.; Va., 1; N. C., 1; Tenn., 1. 6/ S. C., 2 estab.; Ga., 1.													
7/ 101-500 group, 34 estab.; 501-2,500 group, 1.													
MEN'S AND BOYS' SHIRTS (EXCEPT WORK SHIRTS), COLLARS AND NIGHTWEAR---REGULAR FACTORIES 1/													
Total for man-hour tabulations	1/243	1/45,895	151.6	36.6	4.6	.89	1.30	1.59	.70	.29	.24	.37	
The North (Districts A, B, C, and D)	173	32,428	151.2	38.9	4.5	.90	1.34	1.61	.71	.27	.24	.41	
The South (Districts E and F)	54	12,770	152.6	31.0	4.6	.87	1.22	1.54	.67	.32	.22	.26	
The West (District G)	16	697	150.3	38.3	9.7	.96	1.44	1.81	.85	.37	.28	.29	
By districts and States													
District A, total	22	5,300	153.0	40.0	4.0	.94	1.38	1.65	.71	.27	.19	.29	
New Hampshire, Vermont, and Massachusetts	2/12	3,191	150.9	39.9	4.4	.97	1.41	1.72	.75	.31	.18	.33	
Rhode Island and Connecticut	3/10	2,109	156.3	40.3	3.5	.89	1.33	1.55	.66	.22	.22	.23	
District B, total	114	19,969	150.5	39.3	4.3	.93	1.37	1.66	.73	.29	.23	.46	
New York	40	5,613	149.0	47.7	3.7	.89	1.40	1.82	.93	.42	.31	.68	
New Jersey	15	2,992	166.7	34.3	4.8	.91	1.30	1.49	.58	.19	.12	.23	
Pennsylvania	59	11,364	147.0	36.6	4.5	.96	1.37	1.62	.66	.25	.22	.42	
District C, total	20	3,552	148.2	41.7	6.6	.89	1.37	1.65	.76	.28	.24	.41	
Michigan and Ohio	4/8	1,574	153.6	39.4	7.8	.84	1.31	1.64	.80	.33	.26	.36	
Indiana	5	1,586	142.8	46.2	5.0	.96	1.47	1.74	.78	.27	.23	.51	
Illinois	7	392	147.8	33.3	7.9	.77	1.19	1.31	.54	.12	.20	.26	
District D, total	17	3,607	155.3	32.1	3.8	.72	1.08	1.28	.56	.20	.39	.30	
Minnesota, Iowa, Nebraska, and Kansas	5/6	327	124.5	36.2	8.4	.71	1.16	1.90	1.19	.74	.27	.36	
Missouri	11	3,280	158.3	31.8	3.5	.73	1.08	1.23	.50	.15	.40	.29	
District E, total	34	6,728	152.2	31.9	6.0	.92	1.30	1.58	.66	.28	.19	.23	
Delaware and Maryland	6/24	4,366	158.6	31.7	6.1	1.02	1.40	1.71	.69	.31	.21	.23	
North Carolina	3	452	130.8	30.9	7.0	.68	1.06	1.35	.67	.29	.19	.20	
Virginia, Kentucky, and Tennessee	7/7	1,910	142.6	32.5	5.3	.72	1.10	1.32	.60	.22	.15	.23	
District F, total	20	6,042	153.1	30.0	3.1	.81	1.14	1.49	.68	.35	.26	.29	
South Carolina	3	729	164.9	24.8	5.3	.64	.94	1.20	.56	.26	.21	.22	
Georgia	5	1,416	154.8	38.8	2.4	1.07	1.49	2.31	1.24	.82	.28	.26	
Florida and Alabama	8/4	1,806	153.4	28.2	2.8	.79	1.11	1.29	.50	.19	.28	.18	
Mississippi, Arkansas, and Texas	2/8	2,091	147.7	27.4	2.9	.69	.99	1.18	.49	.19	.25	.42	
District G---California	16	697	150.3	38.3	9.7	.96	1.44	1.81	.85	.37	.28	.29	
By size of plant													
1 to 20 wage earners	36	356	159.9	42.5	12.7	1.12	1.67	2.11	.99	.44	.29	.88	
21 to 100	73	3,943	150.3	37.5	7.3	.94	1.39	1.80	.86	.41	.20	.29	
101 to 500	115	27,675	151.4	34.2	4.4	.87	1.26	1.51	.64	.25	.23	.34	
501 to 2,500	19	13,921	152.0	41.0	4.0	.92	1.37	1.69	.77	.32	.26	.43	
The North by size of city													
Under 10,000 inhabitants	44	7,755	153.1	33.3	2.7	.85	1.21	1.49	.64	.28	.21	.34	
10,000 to 24,999	21	5,166	145.8	37.1	4.3	.89	1.31	1.59	.70	.28	.25	.39	
25,000 to 99,999	32	8,412	149.5	42.2	3.5	.86	1.32	1.60	.74	.28	.26	.59	
100,000 to 499,999	29	6,909	155.5	40.0	5.3	1.00	1.45	1.67	.67	.22	.18	.35	
500,000 and over (West above is this city-size) . .	47	4,186	150.6	42.8	8.6	.93	1.44	1.79	.86	.35	.36	.31	

ESTABLISHMENTS IN 171 INDUSTRIES: 1939---Continued

District, State, and class	Estab- lish- ments	Wage earners (average for year)	Hours per month	Per wage-earner Man-hour								Horse- power per E.
				Wage earnings cents	Salary costs, cents	Cost mate- rials	Prime cost	Value prod- ucts	Value added	V. P. mims P. C.	Electric energy used, kWh	

MEN'S AND BOYS' SHIRTS (EXCEPT WORK SHIRTS), COLLARS, AND NIGHTWEAR---REGULAR FACTORIES---Continued 1/

The South by size of city

Under 10,000 inhabitants	15	4,295	152.4	27.7	2.7	.72	\$1.02	\$1.22	.50	.20	.23	.24
10,000 to 24,999	11	3,399	153.7	34.3	2.8	.93	1.30	1.86	.93	.56	.24	.31
25,000 to 99,999	4	967	145.7	26.8	4.9	.70	1.01	1.25	.55	.24	.24	.30
100,000 to 499,999	7	1,267	149.0	35.3	7.5	.78	1.21	1.46	.68	.25	.17	.19
500,000 and over (West above is this city-size)	17	2,842	155.8	31.5	8.3	1.10	1.50	1.75	.65	.25	.22	.23

1/ Biennial-census totals for this industry, which covers not only regular or inside factories but also jobbers engaging contractors, are: Establishments, 449; wage earners, 57,082; wages, \$37,322,688. This tabulation of regular factories given above does not cover jobber shops, in which the amount paid for contract work done outside the shop exceeded wages paid for work done inside the establishment. Certain results for 31 such jobber shops which reported satisfactory man-hours for wage earners working inside the shops are as follows:

District, State, and class	Estab- lish- ments	Wage earners (average for year)	Annual totals				Monthly hours per E.	Wages per man-hour (cents)
			Inside man-hours	Wages	Cost of contract work	Value of products		

Total for man-hour tabulations 31 408 812,503 \$393,427 \$2,431,525 \$8,205,523 166.1 48.4

By States

New York	23	179	351,001	222,958	1,908,533	5,998,141	163.4	63.5
New Jersey, Pennsylvania, and Maryland	# 8	229	461,502	170,469	522,992	2,207,382	168.2	36.9

By size of city

10,000 to 499,999 inhabitants	## 4	122	230,506	111,519	563,895	1,791,657	157.0	48.4
500,000 and over	27	286	581,997	281,908	1,867,630	6,413,866	170.0	48.4

N. J., 2 estab.; Pa., 4; Md., 2. ## 10,000-24,999 group, 3 estab.; 100,000-499,999 group, 1.

2/ N. H., 1 estab.; Vt., 1; Mass., 10. 3/ R. I., 1 estab.; Conn., 9. 4/ Mich., 2 estab.; Ohio, 6.
5/ Minn., 1 estab.; Iowa, 2; Nebr., 2; Kans., 1. 6/ Del., 2 estab.; Md., 22. 7/ Va., 2 estab.; Ky., 1; Tenn., 4.
8/ Fla., 1 estab.; Ala., 3. 9/ Miss., 4 estab.; Ark., 2; Tex., 2.

MEN'S AND BOYS' UNDERWEAR---CONTRACT FACTORIES 1/

Total for man-hour tabulations	1/10	1/1,211	163.7	29.3	1.7	.08	.39	.46	.38	.07	.14	.30
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By districts and States

New York, New Jersey, Delaware, and Maryland	2/5	243	148.4	31.7	1.9	.05	.38	.41	.36	.03	.10	.18
Pennsylvania and Illinois	3/5	968	167.5	28.8	1.6	.08	.39	.47	.39	.08	.15	.33

By size of plant

1 to 100 wage earners	4/7	399	148.5	31.1	1.9	.08	.41	.44	.36	.03	.15	.27
101 to 2,500	5/3	812	171.1	28.5	1.6	.08	.38	.47	.39	.09	.14	.32

By size of city

Under 10,000 inhabitants	6	455	152.9	29.0	2.6	.09	.41	.51	.42	.10	.18	.26
10,000 and over	6/4	756	170.2	29.4	1.2	.07	.38	.44	.37	.06	.12	.32

1/ The establishments in this industry do not own the materials used in manufacture; the value-of-products item, therefore, represents receipts for work done. This tabulation includes all establishments in the industry as covered by the biennial census.

2/ N. Y., 1 estab.; N. J., 2; Del., 1; Md., 1. 3/ Pa., 3 estab.; Ill., 2. 4/ 1-20 group, 1 estab.; 21-100 group, 6.
5/ 101-500 group, 2 estab.; 501-2,500 group, 1. 6/ 10,000-24,999 group, 1 estab.; 25,000-99,999 group, 2; "500,000 and over" group, 1.

MEN'S AND BOYS' UNDERWEAR---REGULAR FACTORIES

Total for man-hour tabulations	1/36	1/4,850	149.4	31.9	4.4	1.08	1.44	1.64	.56	.20	.25	.38
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The North (Districts A and B) 26 3,600 148.0 34.0 4.6 1.09 1.47 1.70 .61 .23 .26 .43

The South (District C) 10 1,250 153.4 26.2 4.0 1.07 1.37 1.50 .43 .13 .20 .24

By districts and States

District A, total	17	1,823	151.8	35.5	5.1	1.30	1.71	1.89	.59	.18	.24	.50
Massachusetts, New York, and New Jersey	2/6	513	146.6	36.7	4.0	1.08	1.49	1.74	.66	.25	.40	.93
Pennsylvania	11	1,310	153.8	35.0	5.5	1.38	1.79	1.95	.57	.16	.18	.34

District B, total 9 1,777 144.2 32.4 4.0 .85 1.22 1.48 .63 .26 .29 .36

Ohio, Indiana, and Illinois 3/6 1,290 143.4 32.8 3.4 .82 1.18 1.45 .63 .27 .28 .33

Missouri 3 487 146.2 31.4 5.4 .94 1.31 1.57 .63 .26 .32 .44

District C, total 10 1,250 153.4 26.2 4.0 1.07 1.37 1.50 .43 .13 .20 .24

Maryland, Virginia, North Carolina, and Kentucky 4/6 735 159.7 26.3 3.8 1.39 1.69 1.81 .42 .12 .20 .27

South Carolina, Tennessee, and Alabama 5/4 515 144.4 26.0 4.1 .57 .87 1.01 .44 .14 .21 .19

By size of plant

1 to 100 wage earners	6/15	613	146.3	35.8	6.1	.85	1.27	1.61	.76	.34	.25	.60
101 to 500	21	4,237	149.9	31.4	4.2	1.11	1.47	1.65	.54	.18	.25	.35

The North by size of city

Under 10,000 inhabitants	11	1,858	142.2	32.8	3.2	.85	1.21	1.43	.58	.22	.24	.31
10,000 to 24,999	3	276	173.7	29.4	4.4	.97	1.31	1.59	.62	.28	.26	.55
25,000 to 99,999	5	857	150.1	36.6	3.9	1.04	1.45	1.64	.60	.19	.25	.37
100,000 and over	7/7	609	151.3	36.3	9.6	1.90	2.36	2.61	.71	.25	.34	.84

The South by size of city

Under 10,000 inhabitants	4	365	129.0	26.8	4.6	.59	.91	1.10	.51	.19	.24	.24
10,000 and over	8/6	885	163.5	26.0	3.8	1.22	1.52	1.63	.41	.11	.19	.24

1/ Biennial-census totals for the industry: Establishments, 44; wage earners, 5,333; wages, \$3,031,901.

2/ Mass., 1 estab.; N. Y., 4; N. J., 1.

3/ Ohio, 1 estab.; Ind., 3; Ill., 2.

4/ S. C., 2 estab.; Tenn., 1; Ala., 1.

5/ 100,000-499,999 group, 4 estab.; "500,000 and over" group, 3.

3-31629

6/ 1-20 group, 2 estab.; 21-100 group, 13.

7/ 10,000-24,999 group, 5 estab.; "500,000 and over" group, 1.

8/ 10,000-24,999 group, 5 estab.; "500,000 and over" group, 1.

9/ 10,000-24,999 group, 5 estab.; "500,000 and over" group, 1.

10/ 10,000-24,999 group, 5 estab.; "500,000 and over" group, 1.

ESTABLISHMENTS IN 171 INDUSTRIES: 1939—Continued

District, State, and class	Estab- lish- ments	Wage earners (average for year)	Hours per month	Per wage-earner man-hour								Horse- power per W. E.	
				Wage earnings cents	Salary costs, cents	Cost mate- rials	Prime cost	Value prod- ucts	Value added	V. P. minus P. C.	Electric energy used, kWh		
MEN'S NECKWEAR—CONTRACT FACTORIES ^{1/}													
Total for man-hour tabulations	1/20	1/681	125.7	40.1	4.2	\$.11	\$.55	\$.71	\$.60	\$.16	.21	.16	
<u>By districts and States</u>													
District A—Mass., Conn., Md., and Ill.	2/5	242	124.4	38.7	1.9	.10	.51	.64	.54	.13	.16	.07	
District B, total	15	439	126.5	40.8	5.5	.11	.57	.74	.63	.17	.23	.21	
New York	9	273	130.4	43.6	7.3	.10	.61	.80	.70	.19	.27	.21	
New Jersey	6	166	120.1	35.8	2.2	.13	.51	.65	.52	.14	.18	.22	
<u>By size of plant</u>													
1 to 20 wage earners	7	78	159.6	40.5	1.3	.14	.56	.78	.64	.22	.22	.28	
21 to 100	13	603	121.3	40.0	4.7	.10	.55	.70	.60	.15	.20	.14	
<u>By size of city</u>													
Under 100,000 inhabitants	3/8	274	122.6	38.3	1.3	.09	.49	.64	.55	.15	.26	.17	
100,000 and over	4/12	407	127.8	41.3	6.1	.12	.60	.76	.64	.16	.17	.15	
^{1/} The establishments in this industry do not own the materials used in manufacture; the value-of-products item, therefore, represents receipts for work done. Biennial-census totals for the industry: Establishments, 34; wage earners, 917; wages, \$549,831.													
^{2/} Mass., 2 estab.; Conn., 1; Md., 1; Ill., 1. ^{3/} "Under 10,000" group, 2 estab.; 25,000-99,999 group, 6.													
^{4/} 100,000-499,999 group, 2 estab.; "500,000 and over" group, 10.													

^{1/} The establishments in this industry do not own the materials used in manufacture; the value-of-products item, therefore, represents receipts for work done. Biennial-census totals for the industry: Establishments, 34; wage earners, 917; wages, \$549,831.

^{2/} Mass., 2 estab.; Conn., 1; Md., 1; Ill., 1.

^{3/} "Under 10,000" group, 2 estab.; 25,000-99,999 group, 6.

^{4/} 100,000-499,999 group, 2 estab.; "500,000 and over" group, 10.

MEN'S NECKWEAR—REGULAR FACTORIES												
Total for man-hour tabulations	1/185	1/6,568	150.5	45.1	12.1	1.61	2.19	2.83	1.22	.64	.24	.16
The North (Districts A, B, C, and D)	147	5,271	151.1	47.2	12.2	1.69	2.29	2.94	1.25	.65	.25	.17
The South (District E)	20	748	154.8	31.7	10.1	1.31	1.73	2.42	1.11	.69	.18	.16
The West (District F)	18	549	138.8	43.9	14.1	1.20	1.78	2.27	1.07	.49	.25	.15
By districts and States												
District A, total	17	1,062	156.9	42.4	6.8	1.49	1.98	2.35	.86	.37	.16	.14
Massachusetts	14	384	161.6	41.8	10.2	1.31	1.83	2.40	1.09	.57	.20	.12
Connecticut	3	678	154.2	42.8	4.8	1.59	2.07	2.32	.73	.25	.13	.14
District B, total	83	2,549	152.5	51.5	12.7	1.85	2.49	3.27	1.42	.78	.29	.19
New York	63	2,025	153.2	53.5	12.5	1.94	2.60	3.48	1.54	.88	.27	.17
New Jersey	5	113	147.9	46.7	22.1	2.21	2.90	3.09	.88	.19	.30	.26
Pennsylvania	15	411	150.6	42.8	11.1	1.30	1.84	2.25	.95	.41	.38	.27
District C, total	35	1,080	139.8	44.4	16.8	1.66	2.27	3.08	1.42	.81	.26	.18
Michigan, Ohio, and Indiana	2/12	608	154.1	41.4	18.6	1.83	2.43	3.38	1.55	.95	.25	.13
Illinois and Wisconsin	3/23	472	121.5	49.5	13.9	1.37	2.00	2.58	1.21	.58	.28	.25
District D—Minnesota, Missouri, and Nebraska	4/12	580	155.5	42.2	12.7	1.49	2.04	2.43	.94	.39	.28	.11
District E, total	20	748	154.8	31.7	10.1	1.31	1.73	2.42	1.11	.69	.18	.16
Maryland, North Carolina, and Kentucky	5/11	407	151.4	35.2	15.4	1.13	1.63	2.24	1.11	.61	.18	.14
Georgia, Louisiana, and Texas	6/9	341	158.7	27.9	4.1	1.52	1.84	2.62	1.10	.78	.17	.17
District F—N. Mex., Wash., Oreg., and Calif.	7/18	549	138.8	43.9	14.1	1.20	1.78	2.27	1.07	.49	.25	.15
By size of plant												
1 to 20 wage earners	108	1,077	148.2	46.3	12.1	1.76	2.35	2.92	1.16	.57	.28	.26
21 to 100	62	2,683	151.5	44.3	16.8	1.47	2.08	2.65	1.18	.57	.23	.13
101 to 500	15	2,808	150.5	45.5	7.7	1.70	2.23	2.97	1.27	.74	.24	.15
The North by size of city												
Under 10,000 inhabitants	3	140	147.4	48.3	10.9	1.97	2.56	3.02	1.05	.46	.34	.44
10,000 to 99,999	8/6	541	138.5	53.0	4.7	1.92	2.50	3.94	2.02	1.44	.45	.26
100,000 to 499,999	17	1,541	156.8	41.4	9.6	1.71	2.22	2.76	1.05	.54	.19	.14
500,000 and over (West is mostly this city-size)	121	3,049	150.7	49.3	14.9	1.64	2.28	2.88	1.24	.60	.25	.15
The South by size of city												
Under 500,000 inhabitants	2/12	416	154.4	29.3	6.4	1.46	1.82	2.54	1.08	.72	.18	.18
500,000 and over (West is mostly this city-size)	8	332	155.2	34.8	14.7	1.13	1.62	2.27	1.14	.65	.17	.13

^{1/} Biennial-census totals for the industry: Establishments, 347; wage earners, 8,686; wages, \$6,796,109.

^{2/} Mich., 4 estab.; Ohio, 7; Ind., 1.

^{3/} Ill., 22 estab.; Wis., 1.

^{4/} Minn., 1 estab.; Mo., 10; Nebr., 1.

^{5/} Md., 8 estab.; N. C., 1; Ky., 2.

^{6/} Ga., 2 estab.; La., 4; Tex., 3.

^{7/} N. Mex., 1 estab.; Wash., 1; Oreg., 2; Calif., 14.

^{8/} 10,000-24,999 group, 1 estab.; 25,000-99,999 group, 5.

^{9/} "Under 10,000" group, 1 estab.; 100,000-499,999 group, 11.

MEN'S AND BOYS' SUITS, COATS, AND OVERCOATS (EXCEPT WORK CLOTHING)—CONTRACT FACTORIES ^{1/}												
Total for man-hour tabulations	1/653	1/34,392	135.2	55.4	3.3	.07	.65	.78	.71	.13	.17	.19
The North (Districts A, B, C, and D)	509	29,145	131.7	58.2	3.7	.07	.69	.82	.75	.13	.18	.20
The South (District E)	118	4,926	156.9	41.0	1.7	.02	.45	.53	.51	.08	.14	.13
The West (District F)	26	321	120.1	61.2	4.2	.09	.74	1.04	.95	.30	.28	.16
By districts and States												
District A, total	21	838	141.7	44.0	5.0	.12	.61	.73	.61	.12	.16	.18
Maine, New Hampshire, and Massachusetts	2/17	501	151.0	44.5	6.2	.17	.68	.79	.62	.11	.17	.21
Connecticut	4	337	127.8	43.1	2.9	.03	.49	.63	.60	.14	.15	.15
District B, total	371	25,468	131.9	59.3	3.6	.06	.69	.82	.76	.13	.17	.20
New York	231	12,543	127.5	64.3	3.0	.06	.74	.88	.82	.14	.17	.20
New Jersey	55	5,561	130.5	57.4	5.3	.06	.68	.79	.73	.11	.15	.19
Pennsylvania	85	7,364	140.3	52.9	3.1	.07	.63	.75	.68	.12	.18	.21

ESTABLISHMENTS IN 171 INDUSTRIES: 1939---Continued

District, State, and class	Estab-lish-ments	Wage earners (average for year)	Hours per month	Per wage-earner man-hour							V. P. minus P. C.	Electric energy used, kWh	Horse-power per W. E.
				Wage earnings cents	Salary costs, cents	Cost materials	Prime cost	Value products	Value added				
MEN'S AND BOYS' SUITS, COATS, AND OVERCOATS (EXCEPT WORK CLOTHING)---CONTRACT FACTORIES 1/---Continued													
District C, total	102	2,474	123.0	53.8	4.3	\$.14	\$.72	\$.90	\$.76	\$.18	.22	.22	
Michigan and Ohio	3/25	615	113.8	54.6	3.0	.12	.70	.88	.76	.18	.19	.21	
Illinois	72	1,698	124.0	54.4	4.6	.15	.74	.94	.79	.20	.23	.19	
Wisconsin	5	161	147.5	45.4	5.6	.05	.57	.64	.59	.07	.15	.65	
District D---Minnesota and Missouri	4/15	365	151.4	46.4	3.4	.19	.69	.91	.72	.22	.24	.17	
District E, total	118	4,926	156.9	41.0	1.7	.02	.45	.53	.51	.08	.14	.13	
Maryland	112	4,476	158.2	40.5	1.1	.02	.44	.52	.50	.08	.13	.13	
Kentucky, Tennessee, Louisiana, and Texas	5/6	450	143.6	46.0	8.1	.03	.57	.68	.65	.11	.24	.15	
District F---Washington and California	6/26	321	120.1	61.2	4.2	.09	.74	1.04	.95	.30	.28	.16	
<u>By size of plant</u>													
1 to 20 wage earners	255	2,672	125.5	52.0	1.2	.08	.62	.89	.61	.27	.25	.21	
21 to 100	296	15,215	133.8	54.1	2.8	.05	.62	.74	.69	.12	.17	.19	
101 to 2,500	7/102	16,505	138.0	57.0	4.1	.07	.68	.79	.72	.11	.16	.19	
<u>The North by size of city</u>													
Under 10,000 inhabitants	49	4,685	135.4	46.8	3.8	.08	.59	.73	.65	.14	.17	.20	
10,000 to 24,999	7	822	137.0	60.8	7.6	.11	.79	.87	.76	.08	.17	.17	
25,000 to 99,999	24	3,122	130.4	53.4	5.9	.06	.65	.77	.71	.12	.15	.24	
100,000 to 499,999	60	4,143	135.9	53.2	4.0	.12	.69	.83	.71	.14	.17	.27	
500,000 and over	369	16,373	129.5	63.7	2.9	.06	.72	.86	.80	.14	.19	.18	
<u>The South by size of city</u>													
Under 10,000 inhabitants	4	236	159.8	33.5	1.1	.02	.37	.50	.48	.13	.17	.12	
25,000 to 499,999	8/6	450	143.6	46.0	8.1	.03	.57	.68	.65	.11	.24	.15	
500,000 and over	108	4,240	158.2	40.9	1.1	.02	.44	.52	.50	.08	.12	.13	
1/ The establishments in this industry do not own the materials used in manufacture; the value-of-products item, therefore, represents receipts for work done. Biennial-census totals for the industry: Establishments, 1,078; wage earners, 48,487; wages, \$43,684,136.													
2/ Mo., 1 estab.; N. H., 1; Mass., 15. 3/ Mich., 1 estab.; Ohio, 24. 4/ Minn., 7 estab.; Mo., 8.													
5/ Ky., 1 estab.; Tenn., 1; La., 3; Tex., 1. 6/ Wash., 2 estab.; Calif., 24.													
7/ 101-500 group, 100 estab.; 501-2,500 group, 2. 8/ 25,000-99,999 group, 1 estab.; 100,000-499,999 group, 5.													

MEN'S AND BOYS' SUITS, COATS, AND OVERCOATS (EXCEPT WORK CLOTHING)---REGULAR FACTORIES

Total for man-hour tabulations	1/388	1/71,512	144.7	61.6	8.7	1.14	1.84	2.31	1.17	.47	.24	.29
The North (Districts A, B, C, and D)	290	56,401	143.0	66.0	9.0	1.20	1.95	2.44	1.24	.49	.24	.29
The South (Districts E and F)	62	13,383	150.6	44.5	6.9	.96	1.47	1.88	.92	.41	.22	.29
The West (District G)	36	1,728	154.6	57.7	12.2	.90	1.60	1.88	.98	.28	.25	.25
By districts and States												
District A, total	30	3,662	149.9	57.6	10.4	1.23	1.91	2.19	.96	.28	.19	.21
Massachusetts	25	3,412	151.4	58.2	10.3	1.25	1.94	2.21	.96	.27	.18	.21
New Hampshire, Rhode Island, and Connecticut	2/5	250	128.9	46.9	12.4	.91	1.50	1.83	.92	.33	.25	.21
District B, total	156	28,913	148.0	65.3	7.7	1.20	1.93	2.38	1.18	.45	.22	.27
New York	103	18,414	145.2	71.1	8.2	1.31	2.10	2.61	1.30	.51	.24	.28
New Jersey	7	1,852	161.2	56.3	3.6	.84	1.44	1.52	.68	.08	.16	.16
Pennsylvania	46	8,647	150.9	55.7	7.5	1.06	1.69	2.09	1.03	.40	.19	.27
District C, total	83	21,503	134.5	69.8	10.1	1.15	1.95	2.52	1.37	.57	.28	.33
Michigan and Ohio	2/33	8,308	144.8	66.6	11.6	1.33	2.11	2.74	1.41	.63	.27	.25
Indiana	4	1,741	133.0	64.3	8.8	1.18	1.91	2.78	1.60	.87	.18	.33
Illinois	40	11,004	126.8	74.0	9.2	.98	1.82	2.29	1.31	.47	.31	.39
Wisconsin	6	450	135.4	59.0	8.0	1.18	1.85	2.24	1.06	.39	.34	.39
District D, total	21	2,323	149.4	56.5	13.5	1.48	2.18	2.85	1.37	.67	.34	.33
Minnesota	10	356	147.4	58.3	10.9	1.52	2.22	2.76	1.24	.54	.25	.20
Iowa and Missouri	4/11	1,967	149.8	56.2	13.9	1.47	2.17	2.86	1.39	.69	.36	.36
District E, total	40	10,772	148.7	47.6	6.5	.92	1.46	1.88	.96	.42	.21	.28
Delaware, Maryland, and District of Columbia	5/23	4,355	158.7	46.6	6.5	.84	1.37	1.73	.89	.36	.22	.25
Virginia and North Carolina	6/6	2,411	129.4	55.3	8.0	.99	1.62	1.91	.92	.29	.21	.21
Kentucky	6	1,826	138.6	47.8	6.7	1.01	1.55	2.01	1.00	.46	.23	.41
Tennessee	5	2,180	158.7	42.2	4.9	.96	1.43	2.06	1.10	.63	.19	.33
District F, total	22	2,611	158.5	32.7	8.5	1.11	1.52	1.89	.78	.37	.22	.29
Georgia, Mississippi, and Texas	7/13	1,656	163.0	35.4	6.4	1.31	1.73	2.17	.86	.44	.24	.27
Louisiana	9	955	150.7	27.4	12.5	.73	1.13	1.36	.63	.23	.18	.33
District G, total	36	1,728	154.6	57.7	12.2	.90	1.60	1.88	.98	.28	.25	.25
Colorado, Washington, and Oregon	8/7	253	126.6	50.1	13.8	.73	1.37	1.54	.81	.17	.39	.19
California	29	1,475	159.4	58.7	12.0	.92	1.63	1.93	1.01	.30	.23	.26
By size of plant												
1 to 20 wage earners	71	826	144.4	58.0	13.2	1.32	2.03	2.60	1.28	.57	.44	.40
21 to 100	164	8,405	144.4	57.4	12.8	1.31	2.01	2.43	1.12	.42	.30	.31
101 to 500	113	26,810	146.3	53.7	9.0	1.10	1.73	2.18	1.08	.45	.22	.27
501 and over	2/40	35,471	143.6	68.8	7.3	1.13	1.89	2.38	1.25	.49	.23	.30
3-31629												

TABLE 3.--AVERAGES PER MAN-HOUR, BY DISTRICTS AND STATES AND BY SIZE CLASSES, FOR SELECTED

ESTABLISHMENTS IN 171 INDUSTRIES: 1939--Continued

District, State, and class	Estab- lish- ments	Wage earners (average for year)	Hours per month	Per wage-earner man-hour								Horse- power per W. E.	
				Wage earnings cents	Salary cents	Cost mate- rials	Prime cost	Value prod- ucts	Value added	V. P. minus P. C.	Electric energy used, kWh		
MEN'S AND BOYS' SUITS, COATS, AND OVERCOATS (EXCEPT WORK CLOTHING)--REGULAR FACTORIES--Continued													
<u>The North by size of city</u>													
Under 10,000 inhabitants	26	4,622	150.0	45.3	5.5	\$.57	\$1.08	\$1.32	\$.75	\$.24	.17	.33	
10,000 to 24,999	9	2,357	151.1	48.2	6.9	.97	1.52	1.91	.94	.39	.20	.34	
25,000 to 99,999	24	4,169	148.3	54.2	6.5	1.12	1.73	2.14	1.02	.41	.19	.25	
100,000 to 499,999	48	14,127	140.9	65.4	10.1	.99	1.75	2.11	1.12	.36	.24	.28	
500,000 and over	183	31,126	141.6	72.7	9.5	1.42	2.24	2.84	1.42	.60	.27	.29	
<u>The South by size of city</u>													
Under 10,000 inhabitants	13	3,644	153.2	38.8	4.6	1.11	1.54	1.99	.88	.45	.22	.35	
10,000 to 99,999	10/7	2,192	136.3	49.0	5.7	.85	1.40	1.83	.98	.43	.22	.23	
100,000 to 499,999	24	4,340	146.0	44.7	9.4	.95	1.49	1.91	.96	.42	.21	.28	
500,000 and over	18	3,207	163.8	47.8	6.8	.87	1.42	1.77	.90	.35	.22	.26	
<u>The West by size of city</u>													
100,000 to 499,999 inhabitants	11	364	136.2	54.9	12.7	.89	1.57	1.83	.94	.26	.35	.18	
500,000 and over	25	1,364	159.5	58.3	12.1	.90	1.60	1.89	.99	.29	.22	.27	

1/ Biennial-census totals for the industry, which covers not only regular or inside factories but also jobbers engaging contractors, are: Establishments, 1,371; wage earners, 89,031; wages, \$96,044,275. This tabulation of regular factories given above does not cover jobber shops, in which the amount paid for contract work done outside the shop exceeded wages paid for work done inside the establishment. Certain results for 208 such jobber shops which reported satisfactory man-hours for wage earners working inside the shops are as follows:

District, State, and class	Estab- lish- ments	Wage earners (average for year)	Annual totals				Monthly hours per W. E.	Wages per man-hour (cents)
			Inside man-hours	Wages	Cost of contract work	Value of products		
Total for man-hour tabulations . .	208	2,250	4,164,204	\$3,633,464	\$27,043,932	\$96,747,479	154.2	87.3
The North (First 4 lines of States below) . .	165	1,787	3,274,804	3,021,776	23,816,025	83,245,238	152.8	92.3
The South (5th line)	43	463	889,400	611,688	3,227,907	13,502,241	160.0	68.8
<u>By States</u>								
Massachusetts, Connecticut, and New Jersey # 10	78	78	152,352	145,790	574,863	2,250,251	162.4	95.7
New York	96	1,043	1,923,203	1,893,363	16,237,766	57,180,602	153.6	98.4
Pennsylvania	36	455	824,910	686,965	5,841,720	19,213,696	151.1	83.3
Mich., Ohio, Ill., Mo., and Calif. ## 23	211	211	374,339	295,658	1,161,676	4,600,689	148.3	79.0
Maryland	43	463	889,400	611,688	3,227,907	13,502,241	160.0	68.8
<u>The North by size of city</u>								
Under 100,000 inhabitants	* 6	33	60,958	46,770	360,883	1,387,378	156.7	76.7
100,000 to 499,999	9	103	181,188	172,604	781,287	2,731,539	146.7	95.3
500,000 and over (South is this city-size)	150	1,651	3,032,658	2,802,402	22,673,855	79,126,321	153.1	92.4

Mass., 6 estab.; Conn., 1; N. J., 3.

Mich., 1 estab.; Ohio, 3; Ill., 16; Mo., 2; Calif., 1.

* "Under 10,000" group, 2 estab.; 25,000-99,999 group, 4.

2/ N. H., 2 estab.; R. I., 1; Conn., 2.

3/ Mich., 1 estab.; Ohio, 32.

4/ Iowa, 2 estab.; Mo., 9.

5/ Del., 1 estab.; Md., 21; D. C., 1.

6/ Va., 5 estab.; N. C., 1.

7/ Ga., 6 estab.; Miss., 1; Tex., 6.

8/ Colo., 3 estab.; Wash., 2; Oreg., 2.

9/ 501-2,500 group, 39 estab.; "2,501 and over" group, 1.

10/ 10,000-24,999 group, 4 estab.; 25,000-99,999 group, 3.

LOGGING CAMPS AND LOGGING CONTRACTORS (NOT OPERATING SAWMILLS)

Total for man-hour tabulations	1/525	1/16,796	149.4	58.4	6.1	.71	1.35	1.77	1.06	.42	---	---
The North (Districts A, B, C, and D)	103	3,043	168.6	34.0	2.2	.35	.72	.87	.52	.15	---	---
The South (Districts E, F, and G)	132	2,951	141.3	28.5	1.4	.32	.62	.81	.49	.19	---	---
The West (District H)	290	10,802	146.2	74.2	8.6	.93	1.75	2.31	1.38	.56	---	---
<u>By districts and States</u>												
District A, total	38	1,055	173.5	30.0	1.1	.56	.87	.95	.39	.08	---	---
Maine	32	850	170.8	29.3	1.0	.19	.49	.53	.34	.04	---	---
New Hampshire and Vermont	2/6	205	185.0	32.9	1.3	1.97	2.31	2.54	.57	.23	---	---
District B---New York and Pennsylvania	3/9	460	176.2	35.4	2.8	.22	.60	.70	.48	.10	---	---
District C, total	37	1,036	166.1	34.7	1.8	.24	.60	.80	.56	.20	---	---
Michigan	23	596	168.7	35.5	2.4	.20	.58	.75	.55	.17	---	---
Wisconsin	14	440	162.5	33.4	1.1	.28	.63	.87	.59	.24	---	---
District D---Minnesota, South Dakota, Missouri 4/19	492	155.9	40.7	5.2	.29	.74	1.04	.75	.30	---	---	---
District E, total	18	547	128.4	30.1	1.5	.36	.67	.80	.44	.13	---	---
West Virginia and Virginia	5/9	289	144.8	30.9	1.0	.31	.63	.75	.44	.12	---	---
North Carolina and Tennessee	6/9	258	109.9	29.1	2.2	.43	.74	.87	.44	.13	---	---
District F, total	94	2,033	144.1	27.8	1.6	.32	.61	.77	.45	.16	---	---
South Carolina	8	442	147.3	28.9	1.5	.28	.58	.64	.36	.06	---	---
Georgia	18	228	151.0	25.0	---	.22	.47	.61	.39	.14	---	---
Florida	7	632	154.1	27.8	2.5	.28	.58	.69	.41	.11	---	---
Alabama	22	176	137.3	25.0	.1	.26	.51	.76	.50	.25	---	---
Mississippi	14	150	147.6	28.5	2.1	.37	.68	.97	.60	.29	---	---
Louisiana	6	218	107.2	31.0	2.8	.69	1.03	1.22	.53	.19	---	---
Arkansas	19	187	140.3	27.4	.5	.33	.60	1.01	.68	.41	---	---
District G---Texas	20	371	145.4	30.2	.3	.27	.58	1.04	.77	.46	---	---

ESTABLISHMENTS IN 171 INDUSTRIES: 1939--Continued

District, State, and class	Estab- lish- ments	Wage earners (average for year)	Hours per month	Per wage-earner man-hour							V. P. minus P. C.	Electric energy used, kWh	Horse- power per W. E.
				Wage earnings cents	Salary costs, cents	Cost mate- rials	Prime cost	Value prod- ucts	Value added				
LOGGING CAMPS AND LOGGING CONTRACTORS (NOT OPERATING SAWMILLS)---Continued													
District H, total	290	10,802	146.2	74.2	8.6	.93	\$1.75	\$2.31	\$1.38	\$.56	---	---	
Montana	8	265	150.0	60.8	15.3	.53	1.29	1.85	1.32	.56	---	---	
Idaho	27	657	151.6	58.0	5.4	.68	1.31	1.75	1.07	.44	---	---	
Washington	125	5,817	144.5	76.4	10.2	.98	1.84	2.37	1.39	.53	---	---	
Oregon	123	3,870	146.3	75.7	6.6	.94	1.76	2.39	1.45	.63	---	---	
California and Arizona	7/7	193	171.1	59.8	2.6	.64	1.26	1.59	.95	.33	---	---	
By size of plant													
1 to 5 wage earners	110	428	145.2	43.1	1.4	.92	1.36	2.01	1.09	.65	---	---	
6 to 20	205	2,179	140.5	46.2	2.5	.57	1.06	1.55	.98	.49	---	---	
21 to 50	123	4,003	147.2	58.5	4.9	.60	1.24	1.68	1.08	.44	---	---	
51 to 100	51	3,568	145.6	66.5	7.6	.80	1.54	2.00	1.20	.46	---	---	
101 to 500	36	6,618	155.9	58.8	7.3	.75	1.41	1.75	1.00	.34	---	---	
The South by size of city 8/													
Under 10,000 inhabitants	126	2,616	141.3	28.3	1.3	.32	.62	.82	.50	.20	---	---	
10,000 to 99,999	2/6	335	141.6	29.8	1.9	.28	.59	.70	.42	.11	---	---	
The West by size of city 8/													
Under 10,000 inhabitants	272	9,945	147.1	74.1	8.4	.93	1.76	2.31	1.38	.55	---	---	
10,000 to 99,999	10/18	857	135.5	75.5	11.2	.78	1.65	2.25	1.47	.60	---	---	
1/ Biennial-census totals for the industry: Establishments, 967; wage earners, 22,785; wages, \$22,703,068. 2/ N. H., 4 estab.; Vt., 2. 3/ N. Y., 2 estab.; Pa., 7. 4/ Minn., 16 estab.; S. Dak., 1; Mo., 2. 5/ W. Va., 3 estab.; Va., 6. 6/ N. C., 8 estab.; Tenn., 1. 7/ Calif., 6 estab.; Ariz., 1. 8/ The North, given above, is mostly the city-size "Under 10,000" inhabitants. 9/ 10,000-24,999 group, 5 estab.; 25,000-99,999 group, 1. 10/ 10,000-24,999 group, 16 estab.; 25,000-99,999 group, 2.													
SAWMILLS, VENEER MILLS, AND COOPERAGE-STOCK MILLS, INCLUDING THOSE COMBINED WITH LOGGING CAMPS AND WITH PLANING MILLS													
Total for man-hour tabulations	1/4,535	1/214,599	162.5	43.8	6.2	.56	1.06	1.39	.83	.33	2.30	7.22	
The North (Districts A, B, C, and D)	934	20,276	166.3	40.0	6.7	.57	1.04	1.39	.82	.35	1.13	7.40	
The South (Districts E, F, and G)	764	176,176	162.5	28.9	5.1	.42	.76	1.02	.60	.26	.86	4.77	
The West (District H)	1,000	1,000	161.6	67.0	7.6	.76	1.50	1.94	1.18	.44	4.76	10.80	
By districts and States													
District A, total	4,371	2,034	148.1	32.6	4.4	.38	.75	.97	.59	.22	.65	6.98	
Maine	28	982	173.2	41.0	4.2	.57	1.02	1.31	.74	.29	.53	8.43	
New Hampshire	1	1,279	182.7	34.4	5.1	.48	.87	1.24	.76	.37	1.42	7.93	
Vermont	1	542	171.6	46.5	7.0	.87	1.40	1.87	1.00	.47	.83	9.15	
Massachusetts	1	81	148.7	39.5	1.4	.25	.66	.95	.70	.29	---	.94	
Rhode Island and Connecticut	1	1,348	163.1	40.9	6.2	.68	1.15	1.62	.94	.47	1.15	8.98	
District B, total	4,371	2,034	160.6	38.7	7.6	.60	1.06	1.41	.82	.36	.95	10.41	
New York	1	258	176.6	53.8	6.5	1.80	2.40	3.59	1.79	1.19	1.40	10.89	
New Jersey	1	1,348	162.2	39.6	5.2	.50	.95	1.34	.84	.39	1.24	7.68	
Pennsylvania	1	1,348	162.2	39.6	5.2	.50	.95	1.34	.84	.39	1.24	7.68	
District C, total	4,371	2,034	166.4	42.1	7.6	.57	1.06	1.42	.85	.36	1.30	7.14	
Michigan	63	3,608	171.5	46.2	5.2	.58	1.09	1.38	.80	.29	1.48	7.24	
Ohio	73	615	160.3	39.0	10.5	.86	1.35	1.96	1.10	.61	1.07	10.56	
Indiana	1	1,339	165.7	38.0	15.9	.78	1.32	1.78	1.00	.46	.82	8.35	
Illinois	17	396	136.2	34.4	6.6	.40	.81	1.16	.76	.35	.23	4.30	
Wisconsin	1	599	166.1	40.9	6.7	.47	.95	1.30	.83	.35	1.41	6.49	
District D, total	4,371	2,034	155.2	37.0	7.3	.63	1.07	1.40	.77	.33	.94	6.01	
Minnesota	1	521	172.1	35.4	5.5	.54	.95	1.21	.67	.26	.31	7.01	
South Dakota	1	382	170.1	44.7	6.6	.43	.94	1.41	.98	.47	1.90	5.70	
Iowa, Missouri, and Kansas	1	1,404	144.9	35.2	8.3	.73	1.16	1.48	.75	.32	.91	5.72	
District E, total	4,044	29,186	157.4	30.6	6.3	.47	.84	1.10	.63	.26	.69	4.72	
Delaware	28	74	132.2	31.7	10.0	.25	.58	.71	.46	.13	---	5.97	
Maryland	1	369	157.7	29.0	7.1	.87	1.23	1.49	.62	.26	.55	5.83	
West Virginia	1	4,387	165.4	39.1	6.4	.33	.78	1.03	.70	.25	1.10	4.88	
Virginia	1	4,851	158.5	28.7	4.4	.45	.78	1.02	.57	.24	.62	3.90	
North Carolina	368	9,437	154.8	27.3	6.0	.46	.79	1.04	.58	.25	.55	4.93	
Kentucky	1	2,454	158.3	33.8	9.6	.59	1.03	1.29	.70	.26	1.00	5.38	
Tennessee	129	3,614	152.0	31.2	9.2	.65	1.06	1.39	.74	.33	.53	5.38	
District F, total	1,539	73,293	161.9	28.1	4.8	.41	.74	1.01	.60	.47	.94	4.79	
South Carolina	185	7,542	161.5	26.6	5.1	.34	.65	.89	.55	.21	.52	4.63	
Georgia	304	6,435	151.8	23.5	4.5	.49	.77	1.07	.58	.30	.08	4.76	
Florida	112	9,458	162.5	27.6	5.7	.37	.71	1.02	.65	.31	1.51	4.46	
Alabama	359	11,776	152.3	27.9	4.5	.45	.77	1.02	.57	.25	.33	4.73	
Mississippi	223	10,997	164.1	28.0	4.2	.44	.76	.99	.55	.23	1.32	5.61	
Louisiana	145	14,351	169.1	29.0	5.7	.37	.72	.98	.61	.26	.82	4.33	
Arkansas	211	12,734	165.5	30.7	4.2	.43	.78	1.11	.68	.33	1.48	5.04	
District G, total	181	13,697	176.7	29.9	4.3	.37	.71	.93	.56	.22	.80	4.75	
Oklahoma	21	1,611	161.7	34.2	4.5	.37	.76	1.06	.69	.30	4.15	5.01	
Texas	160	12,086	178.7	29.3	4.3	.36	.70	.91	.55	.21	.40	4.71	

TABLE 3.--AVERAGES PER MAN-HOUR, BY DISTRICTS AND STATES AND BY SIZE CLASSES, FOR SELECTED

ESTABLISHMENTS IN 171 INDUSTRIES: 1939--Continued

District, State, and class	Estab- lish- ments	Wage earners (average for year)	Hours per month	Per wage-earner man-hour							V. P. minus P. C.	Electric energy used, KWH	Horse- power per W. E.
				Wage earnings cents	Salary costs, cents	Cost mate- rials	Prime cost	Value prod- ucts	Value added				
SAWMILLS, VENEER MILLS, AND COOPERAGE-STOCK MILLS, INCLUDING THOSE COMBINED WITH LOGGING CAMPS AND WITH PLANING MILLS---Continued													
District H, total	837	78,147	161.6	67.0	7.6	\$.76	\$1.50	\$1.94	\$1.18	\$.44	4.76	10.80	
Montana	40	1,887	157.9	64.3	8.7	.77	1.50	1.75	.98	.25	3.28	8.6	
Idaho	63	5,192	162.7	63.3	5.5	.86	1.54	2.04	1.18	.50	3.18	28.56	
Wyoming	36	620	170.8	54.8	4.7	.20	.79	1.01	.81	.22	---	3.40	
Colorado	46	668	159.9	42.7	6.6	.36	.85	1.07	.71	.22	---	7.22	
Utah	6	35	136.6	40.8	5.1	.20	.66	1.15	.95	.49	.22	12.11	
New Mexico	24	849	156.6	40.8	9.0	.65	1.15	1.38	.73	.23	1.08	8.13	
Arizona	11	1,085	189.8	42.7	4.3	.49	.99	1.59	1.10	.60	3.43	7.17	
Washington	249	26,748	154.4	72.1	7.8	.91	1.71	2.23	1.32	.52	5.94	10.87	
Oregon	264	25,504	162.8	66.3	7.5	.81	1.55	1.96	1.15	.41	5.02	9.68	
California	98	15,559	170.1	66.1	8.1	.45	1.19	1.57	1.12	.38	3.86	7.71	
By size of plant													
1 to 5 wage earners	636	2,468	142.8	35.3	3.3	.66	1.04	1.54	.88	.50	.45	15.76	
6 to 20	2,186	24,942	140.8	31.5	3.5	.46	.81	1.10	.64	.29	.26	6.92	
21 to 50	815	25,880	153.6	33.6	6.7	.56	.96	1.27	.71	.31	.41	5.72	
51 to 100	422	29,983	165.5	36.4	7.3	.65	1.09	1.39	.74	.30	.96	6.02	
101 to 500	422	90,486	169.0	45.4	6.4	.56	1.08	1.38	.82	.30	2.50	6.68	
501 to 2,500	54	40,840	166.0	58.2	6.1	.52	1.16	1.63	1.11	.47	5.07	9.90	
The North by size of city													
Under 10,000 inhabitants	817	16,513	165.7	39.1	5.6	.49	.94	1.26	.77	.32	1.10	7.49	
10,000 to 24,999	71	2,662	168.3	42.7	7.4	.80	1.30	1.79	.99	.49	1.39	6.27	
25,000 to 99,999	26	455	171.7	41.0	13.4	.79	1.33	1.73	.94	.40	.60	8.40	
100,000 to 499,999	15	477	174.5	46.6	25.1	.94	1.66	2.18	1.24	.52	1.58	10.04	
500,000 and over	5	169	162.5	53.4	29.1	2.25	3.07	3.92	1.67	.85	.66	6.04	
The South by size of city													
Under 10,000 inhabitants	2,458	98,219	161.7	28.8	4.7	.39	.73	.98	.59	.25	.87	4.67	
10,000 to 24,999	172	9,944	165.1	29.1	6.1	.50	.85	1.15	.65	.30	.93	5.22	
25,000 to 99,999	94	5,343	168.6	27.8	7.2	.54	.89	1.18	.64	.29	.53	4.74	
100,000 and over	4/40	2,670	169.0	34.3	12.5	.78	1.24	1.66	.88	.42	.84	6.69	
The West by size of city													
Under 10,000 inhabitants	702	55,813	161.3	64.7	7.5	.69	1.41	1.80	1.11	.39	4.18	9.30	
10,000 to 24,999	76	13,004	164.0	73.2	7.5	.85	1.66	2.26	1.41	.60	6.38	17.53	
25,000 to 99,999	17	4,044	160.1	74.2	6.0	.66	1.46	2.04	1.38	.58	6.02	6.79	
100,000 to 499,999	42	5,286	159.5	69.4	10.0	1.31	2.10	2.52	1.21	.42	5.91	13.22	
1/ Biennial-census totals for the industry: Establishments, 7,391; wage earners, 265,185; wages, \$214,920,436.													
2/ R. I., 3 estab.; Conn., 7. 3/ Iowa, 4 estab.; Mo., 60; Kans., 2.													
4/ 100,000-499,999 group, 39 estab.; "500,000 and over" group, 1.													

PLANING MILLS NOT OPERATED IN CONJUNCTION WITH SAWMILLS

Total for man-hour tabulations	1/1,771	1/48,000	171.7	49.6	12.9	1.34	1.97	2.41	1.07	.44	1.75	7.83	
The North (Districts A, B, C, and D)	829	21,608	174.8	55.0	16.0	1.29	2.00	2.46	1.17	.46	1.68	7.84	
The South (Districts E, F, and G)	628	17,787	171.0	35.6	9.3	1.19	1.64	2.03	.84	.39	1.14	6.45	
The West (District H)	314	8,605	165.5	65.2	12.3	1.80	2.57	3.10	1.30	.53	3.26	10.65	
By districts and States													
District A, total	128	1,987	175.0	52.3	18.2	1.27	1.98	2.44	1.17	.46	1.46	12.52	
Maine	20	344	179.2	42.6	13.3	1.19	1.75	2.01	.82	.26	1.59	12.15	
New Hampshire	9	187	187.5	35.3	18.0	1.20	1.74	2.18	.98	.44	.49	7.58	
Vermont	7	122	152.3	36.4	13.4	.92	1.42	1.85	.93	.43	2.22	11.20	
Massachusetts	60	778	173.1	55.8	23.3	1.18	1.97	2.54	1.36	.57	1.49	13.55	
Rhode Island	8	135	174.9	61.6	23.0	1.71	2.56	2.82	1.11	.26	2.19	13.63	
Connecticut	24	421	176.1	63.1	12.7	1.50	2.26	2.77	1.27	.51	1.35	13.20	
District B, total	270	3,803	168.8	62.1	22.8	1.52	2.37	3.06	1.54	.69	1.94	11.13	
New York	109	1,540	171.3	66.2	22.9	1.66	2.55	3.32	1.66	.77	1.61	11.01	
New Jersey	33	405	170.4	63.8	23.2	1.87	2.74	3.66	1.79	.92	.98	7.26	
Pennsylvania	128	1,858	166.3	58.3	22.5	1.33	2.14	2.71	1.38	.57	2.45	12.07	
District C, total	302	10,055	176.7	52.8	14.8	1.26	1.93	2.33	1.07	.40	1.63	7.27	
Michigan	43	1,251	173.3	59.7	15.5	1.57	2.32	2.79	1.22	.47	1.67	10.23	
Ohio	60	1,258	171.6	57.4	19.8	1.48	2.25	2.75	1.27	.50	1.70	9.56	
Indiana	43	963	181.3	48.7	16.1	1.23	1.88	2.36	1.13	.48	1.30	9.40	
Illinois	91	2,865	174.5	55.2	13.1	1.24	1.92	2.31	1.07	.39	1.75	6.56	
Wisconsin	65	3,718	180.1	48.3	14.0	1.11	1.73	2.05	.94	.32	1.60	5.50	
District D, total	129	5,763	175.3	55.2	13.1	1.20	1.88	2.30	1.10	.42	1.67	5.03	
Minnesota	38	1,395	171.2	60.2	16.1	1.16	1.92	2.42	1.26	.50	1.57	5.93	
North Dakota and South Dakota	2/9	156	179.2	47.6	14.4	1.52	2.14	2.42	.90	.28	1.25	6.55	
Iowa	22	2,881	178.7	54.5	11.0	1.24	1.90	2.25	1.01	.35	1.89	3.29	
Missouri	37	985	168.1	53.7	13.6	1.06	1.74	2.28	1.22	.54	1.33	7.55	
Nebraska	9	208	184.2	50.7	20.7	.93	1.64	2.03	1.10	.39	1.22	7.00	
Kansas	14	138	179.5	46.5	10.6	1.47	2.04	2.64	1.17	.60	1.63	9.49	

ESTABLISHMENTS IN 171 INDUSTRIES: 1939---Continued

District, State, and class	Estab- lish- ments	Wage earners (average for year)	Hours per month	Per wage-earner man-hour								Horse- power per W. E.
				Wage earnings cents	Salary costs, cents	Cost mate- rials	Prime cost	Value prod- ucts	Value added	V. P. minus P. C.	Electric energy used, KWH	
PLANING MILLS NOT OPERATED IN CONJUNCTION WITH SAWMILLS---Continued												
District E, total	266	7,821	173.9	36.7	9.9	\$1.21	\$1.68	\$2.04	\$.83	\$.36	1.21	6.94
Delaware and Maryland	3/38	647	184.8	50.4	17.2	1.87	2.54	3.06	1.19	.52	1.02	9.28
District of Columbia	4	52	173.6	72.5	45.2	1.81	2.99	3.45	1.64	.46	1.57	10.69
West Virginia	19	327	164.7	39.2	11.4	1.15	1.65	2.02	.87	.37	3.35	17.90
Virginia	52	1,372	178.3	33.1	10.4	1.14	1.58	1.92	.78	.34	.84	6.57
North Carolina	83	2,197	165.0	31.3	9.0	1.39	1.79	2.17	.78	.38	.74	6.07
Kentucky	21	600	179.1	46.8	15.5	.92	1.55	2.00	1.08	.45	1.88	6.67
Tennessee	49	2,626	176.2	36.0	6.2	1.00	1.42	1.73	.73	.31	1.41	5.92
District F, total	268	8,069	168.4	31.9	8.4	1.17	1.57	1.95	.78	.38	1.08	6.08
South Carolina	31	599	172.1	27.7	10.9	1.71	2.10	2.45	.74	.35	.57	6.59
Georgia	63	1,346	172.7	29.5	11.3	1.56	1.97	2.54	.98	.57	.84	6.76
Florida	47	624	183.2	37.0	15.3	.93	1.45	1.76	.83	.31	1.17	8.71
Alabama	45	1,129	157.2	31.0	5.7	1.34	1.71	2.11	.77	.40	.29	5.45
Mississippi	39	1,978	160.3	28.6	5.1	.88	1.22	1.55	.67	.33	.67	4.28
Louisiana	26	1,293	179.8	37.6	9.3	1.08	1.55	1.93	.85	.38	2.51	8.44
Arkansas	17	1,100	165.2	33.9	6.0	.92	1.32	1.58	.66	.26	1.29	4.61
District G, total	94	1,897	170.5	46.0	10.5	1.25	1.82	2.34	1.09	.52	1.07	6.01
Oklahoma	18	328	163.7	40.9	15.9	1.65	2.22	2.69	1.04	.47	.71	7.09
Texas	76	1,569	171.9	47.1	9.5	1.17	1.74	2.27	1.10	.53	1.14	5.78
District H, total	314	8,605	165.5	65.2	12.3	1.80	2.57	3.10	1.30	.53	3.26	10.65
Montana, Idaho, and Wyoming	4/8	176	161.0	62.6	9.5	1.13	1.85	2.23	1.10	.38	3.53	7.68
Colorado	14	193	158.6	61.3	10.6	1.02	1.74	2.10	1.08	.36	.83	4.66
New Mexico	6	228	161.7	38.9	7.5	1.18	1.64	2.05	.87	.41	.90	4.33
Utah and Arizona	5/11	142	182.7	57.4	14.9	1.44	2.16	2.63	1.19	.47	1.13	8.51
Nevada	5	103	180.7	57.6	8.4	2.35	3.01	3.44	1.09	.43	3.97	8.94
Washington	56	2,711	160.4	60.4	11.1	1.74	2.45	2.80	1.06	.35	3.37	.96
Oregon	41	1,082	160.5	62.9	11.5	1.95	2.70	3.35	1.40	.65	5.51	14.64
California	173	3,970	170.1	71.1	13.8	1.90	2.75	3.39	1.49	.64	2.91	11.21
By size of plant												
1 to 5 wage earners	450	1,587	169.3	56.2	17.7	1.60	2.34	3.02	1.42	.68	1.76	19.68
6 to 20	771	8,834	169.2	52.5	18.5	1.53	2.24	2.80	1.27	.56	1.46	11.54
21 to 50	359	11,513	169.4	48.0	16.0	1.55	2.19	2.71	1.16	.52	1.42	8.59
51 to 100	106	7,306	175.3	48.6	11.6	1.27	1.87	2.30	1.03	.43	1.93	7.14
101 to 500	79	14,892	172.3	50.2	9.2	1.21	1.80	2.17	.96	.37	1.99	5.27
501 to 2,500	6	3,868	176.1	44.6	6.2	.86	1.37	1.58	.72	.21	2.14	3.39
The North by size of city												
Under 10,000 inhabitants	162	3,811	175.9	48.7	13.5	1.30	1.92	2.39	1.09	.47	1.98	8.59
10,000 to 24,999	118	2,520	178.2	46.6	14.1	1.39	2.00	2.43	1.04	.43	1.39	7.14
25,000 to 99,999	200	7,584	177.8	53.0	14.6	1.18	1.85	2.22	1.04	.37	1.79	7.02
100,000 to 499,999	149	2,974	173.6	59.4	19.1	1.25	2.03	2.54	1.29	.51	1.51	8.99
500,000 and over	200	4,719	167.9	65.5	19.7	1.43	2.29	2.87	1.44	.58	1.53	8.19
The South by size of city												
Under 10,000 inhabitants	296	6,304	159.0	29.7	7.8	1.36	1.73	2.13	.77	.40	.75	6.17
10,000 to 24,999	62	2,114	173.5	30.6	7.9	.95	1.33	1.62	.67	.29	1.00	5.69
25,000 to 99,999	120	4,504	173.4	37.5	10.6	1.17	1.65	2.04	.87	.39	1.35	7.19
100,000 to 499,999	128	4,465	182.8	41.6	9.9	1.05	1.56	1.98	.93	.42	1.47	6.25
500,000 and over	22	400	188.5	53.8	15.4	2.07	2.76	3.20	1.13	.44	1.12	8.94
The West by size of city												
Under 10,000 inhabitants	52	1,277	172.6	60.2	11.0	1.67	2.38	3.10	1.43	.72	4.72	10.51
10,000 to 24,999	38	889	163.6	65.9	16.8	1.75	2.58	3.01	1.26	.43	3.57	9.43
25,000 to 99,999	44	873	167.4	66.5	14.9	1.25	2.06	2.47	1.22	.41	1.50	14.64
100,000 to 499,999	102	3,983	160.7	63.4	11.5	1.75	2.50	2.97	1.22	.47	3.10	8.99
500,000 and over	78	1,583	171.7	72.5	11.5	2.35	3.19	3.81	1.46	.62	3.27	13.45
1/ Biennial-census totals for the industry: Establishments, 3,076; wage earners, 62,838; wages, \$62,815,065.												
2/ W. Dak., 3 estab.; S. Dak., 6. 3/ Del., 3 estab.; Md., 35. 4/ Mont., 3 estab.; Idaho, 4; Wyo., 1.												
5/ Utah, 9 estab.; Ariz., 2.												

1/ Biennial-census totals for the industry: Establishments, 3,076; wage earners, 62,838; wages, \$62,815,065.

2/ N. Dak., 3 estab.; S. Dak., 6.

3/ Del., 3 estab.; Md., 35.

4/ Mont., 3 estab.; Idaho, 4; Wyo., 1.

5/ Utah, 9 estab.; Ariz., 2.

PLYWOOD MILLS

Total for man-hour tabulations	1/73	1/8,786	173.3	50.9	8.0	.92	1.51	1.96	1.04	.45	3.34	5.27
The North (Districts A, B, and C)	28	2,657	179.0	41.8	10.1	.76	1.28	1.57	.81	.29	1.25	4.37
The South (Districts D and E)	33	2,630	170.5	30.2	8.6	.62	1.01	1.28	.66	.27	1.55	3.58
The West (District F)	12	3,499	171.1	73.6	6.0	1.28	2.08	2.79	1.51	.71	6.34	7.22
By districts and States												
District A---Vermont	4	158	176.6	32.7	9.5	.46	.89	1.05	.59	.16	.80	5.95
District B---New York, New Jersey, Pennsylvania	2/8	551	175.7	44.7	12.0	1.06	1.63	1.96	.90	.33	1.26	5.28
District C, total	16	1,948	180.2	41.7	9.6	.71	1.22	1.51	.80	.29	1.28	3.99
Michigan, Indiana, and Illinois	3/8	797	180.8	41.8	9.3	.89	1.40	1.58	.69	.18	.92	4.78
Missouri and Wisconsin	4/8	1,151	186.7	41.7	9.7	.60	1.11	1.47	.87	.36	1.50	3.44
District D, total	22	1,621	168.8	31.7	9.6	.75	1.17	1.44	.69	.27	1.57	3.45
Virginia, Kentucky, and Tennessee	5/5	385	171.3	36.1	13.7	.91	1.41	1.65	.74	.24	1.19	3.69
North Carolina	17	1,236	168.0	30.3	8.3	.70	1.09	1.37	.67	.28	1.70	3.37

TABLE 3.—AVERAGES PER MAN-HOUR, BY DISTRICTS AND STATES AND BY SIZE CLASSES, FOR SELECTED

ESTABLISHMENTS IN 171 INDUSTRIES: 1939—Continued

District, State, and class	Estab-lish-ments	Wage earners (average for year)	Hours per month	Per wage-earner man-hour								Horse-power per W. E.
				Wage earnings cents	Salary costs, cents	Cost materials	Prime cost	Value products	Value added	V. P. minus P. C.	Electric energy used, kWh	
PLYWOOD MILLS---Continued												
District E, total	11	1,009	173.4	27.8	7.0	.40	.75	\$1.02	\$.62	\$.27	1.51	3.79
South Carolina	4	416	172.7	27.8	7.6	.39	.75	1.08	.69	.33	1.90	3.98
Georgia, Alabama, and Arkansas	6/3	335	181.0	28.4	8.3	.30	.66	.88	.58	.22	1.04	2.74
Mississippi	4	258	164.8	26.9	4.1	.58	.89	1.14	.56	.25	1.54	4.84
District F---Washington, Oregon, and California	7/12	3,499	171.1	73.6	6.0	1.28	2.08	2.79	1.51	.71	6.34	7.22
By size of plant												
1 to 20 wage earners	5	38	138.3	51.8	31.3	1.15	1.98	2.23	1.08	.25	1.27	21.47
21 to 100	37	2,203	173.6	32.9	8.6	.64	1.05	1.38	.74	.33	1.34	3.95
101 to 2,500	8/31	6,545	173.5	56.9	7.7	1.02	1.66	2.16	1.14	.50	4.02	5.62
The North by size of city												
Under 10,000 inhabitants	15	1,291	183.6	38.7	10.3	.78	1.27	1.64	.86	.37	1.37	4.27
10,000 to 24,999	3	241	155.7	44.8	11.1	.64	1.20	1.54	.90	.34	1.27	5.88
25,000 to 99,999	5	828	179.2	43.6	10.0	.92	1.46	1.64	.72	.18	1.10	4.39
100,000 and over	9/5	297	177.6	48.5	8.6	.32	.89	1.09	.77	.20	1.06	3.56
The South by size of city												
Under 10,000 inhabitants	12	890	172.9	27.9	7.1	.45	.80	1.00	.55	.20	1.37	3.39
10,000 to 24,999	11	1,007	170.8	29.3	8.2	.64	1.01	1.33	.69	.32	1.68	3.64
25,000 to 99,999	7	516	160.4	31.2	9.1	.62	1.01	1.36	.74	.35	1.72	3.55
100,000 to 499,999	3	217	184.0	40.7	17.0	1.16	1.74	1.95	.79	.21	1.32	4.12
The West by size of city												
Under 100,000 inhabitants	10/8	2,183	168.7	74.6	5.6	1.34	2.14	2.77	1.43	.63	6.58	7.33
100,000 to 499,999	4	1,316	175.2	72.1	6.6	1.19	1.98	2.83	1.64	.85	5.96	7.04
1/ Biennial-census totals for this industry: Establishments, 86; wage earners, 9,805; wages, \$9,942,874.												
2/ N. Y., 5 estab.; N. J., 1; Pa., 2.												
3/ Mich., 3 estab.; Ind., 4; Ill., 1.												
4/ Mo., 2 estab.; Wis., 6.												
5/ Va., 2 estab.; Ky., 2; Tenn., 1.												
6/ Ga., 1 estab.; Ala., 1; Ark., 1.												
7/ Wash., 10 estab.; Oreg., 1; Calif., 1.												
8/ 101-500 group, 30 estab.; 501-2,500 group, 1.												
9/ 100,000-499,999 group, 1 estab.; "500,000 and over" group, 4.												
10/ "Under 10,000" group, 1 estab.; 10,000-24,999 group, 6; 25,000-99,999 group, 1.												
VENETIAN BLINDS												
Total for man-hour tabulations	1/86	1,2,655	176.7	43.0	11.2	1.12	1.66	2.06	.94	.40	.86	1.90
The North (Districts A and B)	38	1,922	176.4	41.3	11.0	1.07	1.60	1.91	.84	.31	.91	1.81
The South (District C)	14	209	180.4	33.5	6.9	1.17	1.57	2.07	.90	.50	.35	1.53
The West (District D)	34	524	176.4	53.2	13.7	1.26	1.93	2.59	1.33	.66	.89	2.39
By districts and States												
District A, total	12	798	180.5	38.2	7.3	1.15	1.60	1.94	.79	.24	.94	1.06
Vermont, Massachusetts, and Rhode Island	2/3	75	167.8	41.1	13.0	1.05	1.59	2.07	1.02	.48	.29	1.85
New York, New Jersey, and Pennsylvania	3/9	723	181.9	37.9	6.7	1.15	1.60	1.92	.77	.32	1.00	.97
District B, total	26	1,124	173.4	43.6	13.7	1.02	1.59	1.89	.87	.30	.89	2.35
Michigan, Ohio, Illinois, and Wisconsin	4/13	813	175.9	45.8	14.1	.95	1.55	1.77	.82	.22	1.02	2.78
Minnesota, Iowa, Nebraska, and Missouri	5/13	311	166.8	37.5	12.6	1.21	1.71	2.21	1.00	.50	.52	1.22
District C, total	14	209	180.4	33.5	6.9	1.17	1.57	2.07	.90	.50	.35	1.53
Maryland, North Carolina, South Carolina, Florida	6/6	130	176.8	31.9	7.7	1.14	1.54	1.93	.79	.39	.43	1.71
Texas	8	79	180.3	35.8	5.9	1.21	1.62	2.28	1.07	.66	.22	1.23
District D, total	34	524	176.4	53.2	13.7	1.26	1.93	2.59	1.33	.66	.89	2.39
Utah, Washington, and Oregon	7/9	163	184.3	53.8	13.5	1.04	1.71	2.53	1.49	.82	1.89	4.93
California	25	361	172.8	53.0	13.8	1.36	2.03	2.61	1.25	.58	.40	1.25
By size of plant												
1 to 20 wage earners	63	482	169.3	46.2	13.0	1.43	2.07	2.85	1.37	.78	.61	1.53
21 to 100	13	870	172.4	46.1	12.8	1.07	1.66	2.11	1.04	.45	.71	2.49
101 to 500	5	1,303	182.7	39.9	9.5	1.02	1.51	1.75	.73	.24	1.04	1.65
The North by size of city												
Under 10,000 inhabitants	8	903	179.7	36.4	8.4	1.05	1.50	1.89	.84	.39	.94	1.27
10,000 to 99,999	8/8	573	172.0	46.0	14.8	.85	1.46	1.53	.68	.07	1.08	3.42
100,000 to 499,999	4	84	164.0	48.4	15.8	1.64	2.48	3.08	1.24	.60	.38	.81
500,000 and over	18	362	177.8	44.8	10.4	1.21	1.86	2.29	.98	.43	.69	.85
The South by size of city												
Under 100,000 inhabitants	9/4	29	195.3	29.6	10.3	1.34	1.74	2.02	.68	.28	.30	2.17
100,000 and over	10/10	180	178.0	34.1	6.4	1.14	1.55	2.08	.94	.53	.36	1.42
The West by size of city												
Under 500,000 inhabitants	11/12	218	180.9	55.6	15.5	1.15	1.87	2.65	1.50	.78	1.63	4.06
500,000 and over	22	306	173.1	51.5	12.4	1.33	1.97	2.54	1.21	.57	.33	1.21

1/ Biennial-census totals for this industry: Establishments, 274; wage earners, 5,179; wages, \$4,808,267.
 2/ Vt., 1 estab.; Mass., 1; R. I., 1.
 3/ N. Y., 5 estab.; N. J., 2; Pa., 2.
 4/ Mich., 2 estab.; Ohio, 2; Ill., 8; Wis., 1.
 5/ Minn., 3 estab.; Iowa, 1; Nebr., 1; Mo., 8.
 6/ Md., 2 estab.; N. C., 1; S. C., 1; Fla., 2.
 7/ Utah, 1 estab.; Wash., 3; Oreg., 5.
 8/ 10,000-24,999 group, 1 estab.; 25,000-99,999 group, 7.
 9/ "Under 10,000" group, 1 estab.; 10,000-24,999 group, 2; 25,000-99,999 group, 1.
 10/ 100,000-499,999 group, 8 estab.; "500,000 and over" group, 2.
 11/ "Under 10,000" group, 2 estab.; 10,000-24,999 group, 1; 100,000-499,999 group, 9.

ESTABLISHMENTS IN 171 INDUSTRIES: 1939---Continued

District, State, and class	Estab- lish- ments	Wage earners (average for year)	Hours per month	Per wage-earner man-hour								Horse- power per W. E.
				Wage earnings cents	Salary costs, cents	Cost mate- rials	Prime cost	Value prod- ucts	Value added	V. P. minus P. C.	Electric energy used, kWh	
BASKETS FOR FRUITS AND VEGETABLES												
Total for man-hour tabulations	1/110	1/6,822	156.5	30.0	5.5	.40	.75	.97	.57	.22	.39	2.57
The North (Districts A, B, and C)	58	2,190	161.8	33.9	7.7	.45	.86	1.11	.66	.25	.36	2.71
The South (Districts D, E, and F)	46	4,530	153.7	27.5	4.1	.32	.64	.81	.49	.17	.37	2.40
The West (District G)	6	102	167.8	51.4	17.6	2.31	3.00	4.52	2.21	1.52	1.34	6.80
By districts and States												
District A, total	24	873	162.7	35.2	8.0	.43	.86	1.08	.65	.22	.49	2.17
Massachusetts and New York	2/15	445	162.4	33.0	8.3	.40	.81	1.07	.67	.26	.63	3.72
New Jersey	9	428	163.0	37.5	7.7	.46	.91	1.08	.62	.17	.35	2.61
District B, total	26	1,204	163.1	33.2	7.6	.45	.86	1.11	.66	.25	.29	2.47
Michigan	5	306	185.4	33.5	4.8	.79	1.17	1.49	.70	.32	.29	2.49
Ohio	12	322	159.9	36.8	10.4	.32	.79	1.02	.70	.23	.39	2.66
Indiana	4	377	150.0	32.6	9.6	.32	.74	1.03	.71	.29	.26	1.44
Illinois and Wisconsin	3/5	199	158.7	27.8	4.5	.31	.63	.77	.46	.14	.19	4.07
District C---Minn., Iowa, Mo., Nebr., Kans.	4/8	113	141.6	30.7	4.8	.61	.97	1.41	.80	.44	.08	1.65
District D, total	24	2,573	160.0	27.4	4.1	.33	.64	.79	.46	.15	.47	2.37
Pennsylvania and Delaware	5/4	437	161.5	31.5	8.3	.41	.81	.87	.46	.06	.88	1.70
Maryland	7	572	151.4	30.0	1.7	.36	.68	1.02	.66	.34	.30	1.82
Virginia and North Carolina	6/10	1,427	162.7	25.2	3.6	.31	.60	.70	.39	.10	.45	2.88
Kentucky and Tennessee	7/3	137	162.2	27.3	5.3	.14	.47	.62	.48	.15	.13	1.44
District E, total	11	779	136.4	26.2	6.1	.40	.72	.90	.50	.18	.21	2.81
South Carolina and Georgia	8/7	594	129.3	27.3	6.0	.46	.79	.98	.52	.19	.26	2.65
Florida, Alabama, and Mississippi	2/4	185	159.4	23.4	6.4	.25	.55	.68	.43	.13	.08	3.32
District F---Arkansas and Texas	10/11	1,178	151.2	28.5	2.9	.26	.57	.81	.55	.24	.24	2.22
District G---Idaho and California	11/6	102	167.8	51.4	17.6	2.31	3.00	4.52	2.21	1.52	1.34	6.80
By size of plant												
1 to 20 wage earners	29	247	144.3	36.5	7.1	1.03	1.47	2.09	1.06	.62	.34	3.43
21 to 100	60	2,960	157.1	30.8	7.2	.42	.80	1.02	.60	.22	.33	3.16
101 to 500	21	3,615	156.8	29.0	4.0	.33	.66	.85	.52	.19	.43	2.02
The North by size of city												
Under 10,000 inhabitants	37	1,379	161.6	33.0	6.6	.44	.83	1.06	.62	.23	.68	3.25
10,000 to 24,999	6	416	174.0	35.6	7.3	.50	.93	1.21	.71	.28	.49	2.45
25,000 to 99,999	5	305	150.7	35.3	7.3	.33	.75	1.01	.68	.26	.24	.94
100,000 and over	12/10	90	145.9	35.4	28.6	.78	1.42	1.82	1.04	.40	.32	1.58
The South by size of city												
Under 10,000 inhabitants	32	2,727	151.3	27.7	4.9	.32	.65	.77	.45	.12	.44	2.15
10,000 to 99,999	13/10	1,639	158.1	27.2	2.7	.31	.61	.86	.55	.25	.24	2.39
100,000 and over	14/4	164	148.9	29.1	5.1	.35	.69	.86	.51	.17	.57	6.79
1/ Biennial-census totals for the industry: Establishments, 153; wage earners, 8,048; wages, \$4,470,188.												
2/ Mass., 1 estab.; N. Y., 14. 3/ Ill., 4 estab.; Wis., 1. 4/ Minn., 2 estab.; Iowa, 1; Mo., 2; Nebr., 1; Kans., 2.												
5/ Pa., 2 estab.; Del., 2. 6/ Va., 4 estab.; N. C., 6. 7/ Ky., 1 estab.; Tenn., 2. 8/ S. C., 3 estab.; Ga., 4.												
9/ Fla., 2 estab.; Ala., 1; Miss., 1. 10/ Ark., 2 estab.; Tex., 9. 11/ Idaho, 1 estab.; Calif., 5.												
12/ 100,000-499,999 group, 4 estab.; "500,000 and over" group, 6. 13/ 10,000-24,999 group, 8 estab.; 25,000-99,999 group, 2.												
14/ 100,000-499,999 group, 2 estab.; "500,000 and over" group, 2.												

RATTAN AND WILLOWWARE (EXCEPT FURNITURE) AND BASKETS OTHER THAN VEGETABLE AND FRUIT BASKETS

Total for man-hour tabulations	1/31	1/1,212	166.2	34.2	17.1	.61	1.12	1.43	.82	.31	.38	1.77
The North (First 3 groups of States below)	26	1,072	166.5	34.9	17.7	.62	1.15	1.48	.86	.33	.42	1.85
The South (4th group)	5	140	163.6	28.1	12.6	.49	.89	1.07	.58	.18	.05	1.11
By districts and States												
N. H., Mass., R. I., and Conn.	2/6	107	168.2	40.0	18.5	.56	1.14	1.47	.91	.33	.74	4.21
New York, New Jersey, and Pennsylvania	3/10	331	169.0	37.7	26.1	1.04	1.68	1.96	.92	.28	.39	1.50
Mich., Ohio, Ind., Ill., Iowa, and Wash.	4/10	634	164.9	32.6	13.1	.41	.87	1.22	.81	.35	.37	1.64
Maryland, North Carolina, and Texas	5/5	140	163.6	28.1	12.6	.49	.89	1.07	.58	.18	.05	1.11
By size of plant												
1 to 20 wage earners	19	209	157.8	36.7	16.0	.63	1.16	1.55	.92	.39	.43	2.87
21 to 100	9	438	170.5	30.8	20.4	.82	1.33	1.63	.81	.30	.38	1.70
101 to 500	3	565	166.0	35.9	15.0	.43	.94	1.23	.80	.29	.35	1.42
The North by size of city												
Under 10,000 inhabitants	5	138	166.2	35.9	12.4	.35	.83	1.08	.73	.25	.51	2.83
10,000 to 24,999	4	319	163.5	35.2	13.3	.44	.92	1.16	.72	.24	.56	2.29
25,000 to 499,999	6/6	307	168.9	31.3	20.7	.49	1.01	1.52	1.03	.51	.30	1.63
500,000 and over	11	308	167.4	37.9	21.6	1.05	1.65	1.92	.87	.27	.35	1.18

1/ Biennial-census totals for the industry: Establishments, 47; wage earners, 1,377; wages, \$925,968.

2/ N. H., 2 estab.; Mass., 2; R. I., 1; Conn., 1.

3/ N. Y., 8 estab.; N. J., 1; Pa., 1.

4/ Mich., 1 estab.; Ohio, 1; Ind., 3; Ill., 3; Iowa, 1; Wash., 1.

5/ 25,000-99,999 group, 4 estab.; 100,000-499,999 group, 2.

6/ 3-31629

2/ Md., 1 estab.; N. C., 3; Tex., 1.

TABLE 3.—AVERAGES PER MAN-HOUR, BY DISTRICTS AND STATES AND SIZE CLASSES, FOR SELECTED
ESTABLISHMENTS IN 171 INDUSTRIES: 1939—Continued

District, State, and class	Estab- lish- ments	Wage earners (average for year)	Hours per month	Per wage-earner man-hour								Horse- power per W. E.	
				Wage earnings cents	Salary costs, cents	Cost materi- als	Prime cost	Value prod- ucts	Value added	V. P. minu- s P. C.	Electric energy used, kWh		
CIGAR BOXES, WOODEN OR PART WOODEN													
Total for man-hour tabulations	1/47	1/2,559	148.0	36.5	9.3	\$.43	\$.89	\$1.12	\$.69	\$.23	.54	1.50	
The North (Districts A, B, and C)	33	1,581	154.4	38.1	10.5	.48	.97	1.20	.72	.23	.58	1.57	
The South (District D)	10	931	135.4	33.0	6.9	.33	.73	.94	.61	.21	.44	1.37	
The West (District E)	4	47	179.6	43.9	10.0	.49	1.03	1.45	.96	.42	.99	2.02	
By districts and States													
District A---N. H., Mass., and Conn.	2/4		83	154.0	43.9	14.4	.39	.97	1.24	.85	.27	.25	1.24
District B, total	21	1,275	154.4	37.3	10.2	.50	.97	1.16	.66	.19	.62	1.62	
New York	3	154	162.0	45.2	13.6	.38	.97	1.12	.74	.15	.32	1.81	
New Jersey	3	409	154.9	36.7	15.4	.52	1.04	1.30	.78	.26	.85	.91	
Pennsylvania	15	712	152.4	35.9	6.3	.51	.93	1.03	.57	.15	.55	1.98	
District C, total	8	223	154.9	40.3	10.8	.43	.94	1.41	.98	.47	.46	1.40	
Michigan and Ohio	3/5	189	150.3	43.2	9.8	.45	.98	1.51	1.06	.53	.49	1.29	
Indiana, Illinois, and Wisconsin	4/3	34	180.3	27.1	15.3	.34	.77	.97	.63	.20	.34	2.00	
District D, total	10	931	135.4	33.0	6.9	.33	.73	.94	.61	.21	.44	1.37	
Maryland, West Virginia, and North Carolina	5/3	69	165.9	32.7	6.3	.40	.79	1.14	.74	.35	.35	.88	
South Carolina, Florida, and Louisiana	6/7	862	133.0	33.0	7.0	.33	.73	.93	.60	.20	.45	1.41	
District E---Minnesota, Missouri, California	7/4	47	179.6	43.9	10.0	.49	1.03	1.45	.96	.42	.99	2.02	
By size of plant													
1 to 20 wage earners	16	174	147.0	36.5	3.6	.41	.81	1.05	.64	.24	.44	1.33	
21 to 100	21	841	156.4	38.7	9.9	.43	.91	1.19	.76	.28	.46	1.92	
101 to 500	10	1,544	143.5	35.3	9.6	.43	.88	1.08	.65	.20	.60	1.30	
The North by size of city													
Under 10,000 inhabitants	13	656	156.0	35.9	6.0	.51	.93	1.09	.58	.16	.55	1.81	
10,000 to 99,999	8/8	492	154.0	36.4	17.3	.51	1.05	1.45	.94	.40	.74	1.44	
100,000 and over (West above is this grouping)	2/12	433	152.5	43.4	9.6	.39	.92	1.07	.68	.15	.43	1.33	
1/ Biennial-census totals for the industry: Establishments, 59; wage earners, 3,101; wages, \$2,017,076.													
2/ N. H., 1 estab.; Mass., 2; Conn., 1. 3/ Mich., 2 estab.; Ohio, 3. 4/ Ind., 1 estab.; Ill., 1; Wis., 1.													
5/ Md., 1 estab.; W. Va., 1; N. C., 1. 6/ S. C., 1 estab.; Fla., 4; La., 2. 7/ Minn., 1 estab.; Mo., 1; Calif., 2.													
8/ 10,000-24,999 group, 2 estab.; 25,000-99,999 group, 6. 9/ 100,000-499,999 group, 3 estab.; 500,000 and over group, 9.													

WOODEN BOXES EXCEPT CIGAR BOXES												
Total for man-hour tabulations	1/423	1,20,407	164.0	38.4	8.2	.90	1.36	1.73	.83	.37	1.19	4.63
The North (Districts A, B, C, and D)	242	8,065	169.8	43.3	10.6	.94	1.47	1.88	.94	.41	1.22	6.06
The South (Districts E, F, and G)	94	9,136	159.7	28.5	5.2	.60	.93	1.26	.66	.33	.69	2.95
The West (District H)	87	3,206	161.6	53.2	10.4	1.65	2.28	2.67	1.02	.39	2.49	5.78
By districts and States												
District A, total	60	2,475	181.7	42.6	9.9	.80	1.32	1.63	.83	.31	1.11	6.91
Maine	6	433	190.3	42.7	5.9	.66	1.15	1.46	.80	.31	2.26	4.90
New Hampshire and Vermont	2/15	970	185.7	40.1	6.7	.73	1.20	1.42	.69	.22	.87	7.77
Massachusetts	30	816	174.4	45.5	15.1	.90	1.51	1.91	1.01	.40	.79	7.94
Rhode Island and Connecticut	3/9	256	175.2	43.4	14.2	.98	1.56	1.87	.89	.31	.94	3.80
District B, total	61	1,277	160.3	48.2	16.6	1.30	1.95	2.60	1.30	.65	1.26	5.54
New York	30	534	163.6	45.9	13.1	1.07	1.66	1.97	.90	.31	1.63	5.66
New Jersey	12	325	154.1	56.3	21.9	2.13	2.91	4.42	2.29	1.51	.96	2.34
Pennsylvania	19	418	160.8	45.3	17.2	.98	1.61	2.06	1.08	.45	.99	7.88
District C, total	94	2,600	164.6	43.3	9.5	.91	1.44	1.84	.93	.40	1.22	5.22
Michigan	16	472	163.9	46.8	11.2	.92	1.50	1.90	.98	.40	1.20	5.69
Ohio	21	638	163.4	45.6	14.2	1.16	1.75	2.17	1.01	.42	.87	3.97
Indiana	11	284	158.8	39.5	10.6	1.29	1.79	2.31	1.02	.52	.99	5.50
Illinois	25	1,372	165.2	45.3	7.4	.89	1.41	1.82	.93	.41	1.15	5.35
Wisconsin	21	834	166.8	37.7	8.0	.66	1.12	1.46	.80	.34	1.69	5.60
District D, total	27	713	171.5	37.6	8.2	.92	1.38	1.77	.85	.29	1.52	8.33
Minnesota	11	212	169.2	37.5	9.0	.98	1.44	1.83	.85	.39	1.47	6.84
Iowa and Missouri	4/10	358	175.5	37.3	7.7	.90	1.35	1.77	.87	.42	1.44	7.93
South Dakota, Nebraska, and Kansas	5/6	143	165.1	38.6	8.6	.83	1.35	1.65	.77	.30	1.81	11.50
District E, total	40	1,915	164.3	34.6	7.6	.74	1.16	1.43	.75	.33	.90	4.91
Delaware, Maryland, and West Virginia	6/16	597	180.7	37.7	7.5	.83	1.28	1.62	.77	.34	1.10	5.28
Virginia and North Carolina	7/11	451	168.8	33.0	5.8	.87	1.28	1.70	.81	.42	1.11	7.12
Kentucky and Tennessee	8/13	867	150.7	33.0	8.7	.59	1.00	1.26	.67	.26	.61	3.52
District F, total	41	6,234	158.9	26.6	4.5	.54	.85	1.18	.62	.33	.59	2.16
South Carolina	4	517	166.5	24.1	6.6	.36	.67	.91	.55	.24	.72	2.38
Georgia	6	1,778	155.4	26.0	3.0	.42	.71	1.05	.63	.34	.48	1.33
Florida	11	1,932	159.5	27.3	4.2	.59	.91	1.22	.63	.31	.42	2.06
Alabama	5	240	177.7	29.4	8.3	.40	.78	1.09	.69	.31	.59	2.82
Mississippi and Louisiana	2/11	1,535	156.7	26.6	5.2	.71	1.03	1.42	.71	.39	.95	2.74
Arkansas	4	232	159.7	29.0	5.6	.42	.77	.89	.47	.12	.65	4.49
District G—Texas	13	987	155.9	27.6	4.9	.64	.97	1.30	.66	.33	.96	4.10

TABLE 3.---AVERAGES PER MAN-HOUR, BY DISTRICTS AND STATES AND BY SIZE CLASSES, FOR SELECTED
ESTABLISHMENTS IN 171 INDUSTRIES: 1939---Continued

51

District, State, and class	Estab- lish- ments	Wage earners (average for year)	Hours per month	Per wage-earner man-hour								Horse- power per W. E.	
				Wage earnings cents	Salary costs, cents	Cost mate- rials	Prime cost	Value prod- ucts	Value added	V. P. minus P. C.	Electric energy used, kWh		
WOODEN BOXES EXCEPT CIGAR BOXES---Continued													
District E, total	87	3,206	161.6	53.2	10.4	\$1.65	\$2.28	\$2.67	\$1.02	\$.39	2.49	5.78	
Colorado	3	61	161.2	36.3	10.0	.72	1.18	1.53	.81	.35	.88	7.57	
Idaho, Utah, and Arizona	10/8	188	185.3	32.1	13.0	1.81	2.26	2.75	.94	.49	.81	4.58	
Washington	14	797	148.5	56.6	12.5	.80	1.49	1.92	1.12	.43	2.52	5.99	
Oregon	13	572	162.0	58.8	6.3	1.14	1.79	2.04	.90	.25	1.99	5.77	
California	49	1,568	165.2	53.1	10.6	2.22	2.86	3.27	1.05	.41	2.94	5.76	
By size of plant													
1 to 20 wage earners	198	1,888	158.6	43.8	12.0	1.71	2.27	2.76	1.05	.49	.94	7.30	
21 to 100	170	8,324	168.1	40.9	10.4	1.03	1.54	1.90	.87	.36	1.40	6.03	
101 to 500	55	10,195	161.6	35.2	5.7	.64	1.05	1.40	.76	.35	1.04	2.99	
The North by size of city													
Under 10,000 inhabitants	78	2,149	177.0	39.4	7.4	.72	1.18	1.52	.80	.34	1.08	6.87	
10,000 to 24,999	23	995	178.3	40.3	7.7	.88	1.36	1.66	.78	.30	1.04	4.33	
25,000 to 99,999	36	1,431	168.1	46.5	13.8	1.09	1.70	2.24	1.15	.54	1.29	6.14	
100,000 to 499,999	37	1,089	163.9	43.3	14.5	1.20	1.78	2.22	1.02	.44	1.20	6.03	
500,000 and over	68	2,401	163.3	46.5	11.3	.95	1.53	1.95	1.00	.42	1.40	6.03	
The South by size of city													
Under 10,000 inhabitants	49	5,193	153.5	26.9	4.8	.50	.82	1.09	.59	.27	.56	2.46	
10,000 to 24,999	9	942	166.0	23.6	3.3	.43	.70	.91	.48	.21	.19	2.41	
25,000 to 99,999	16	1,858	156.1	28.6	4.2	.60	.93	1.30	.70	.37	1.06	2.66	
100,000 to 499,999	15	892	188.4	36.9	10.3	1.09	1.56	2.22	1.13	.66	1.34	7.32	
500,000 and over	5	251	190.7	39.6	8.2	.81	1.29	1.56	.75	.27	.10	1.74	
The West by size of city													
Under 10,000 inhabitants	30	914	157.0	55.4	9.6	1.48	2.13	2.55	1.07	.42	3.74	7.27	
10,000 to 24,999	14	522	158.2	55.8	6.6	2.59	3.22	3.61	1.02	.39	1.37	2.00	
25,000 to 99,999	13	580	166.5	46.3	11.5	1.76	2.34	2.75	.99	.41	2.26	5.24	
100,000 to 499,999	22	844	160.1	54.3	11.1	1.42	2.07	2.40	.98	.33	2.39	6.94	
500,000 and over	8	346	174.4	52.9	14.2	1.10	1.77	2.17	1.07	.40	1.66	5.65	
1/ Biennial-census totals for the industry: Establishments, 642; wage earners, 25,351; wages, \$19,159,030.													
2/ W. H., 13 estab.; Vt., 2.													
3/ R. I., 4 estab.; Conn., 5.													
4/ Iowa, 3 estab.; Mo., 7.													
5/ S. Dak., 1 estab.; Nebr., 2; Kans., 3.													
6/ Del., 4 estab.; Mi., 8; W. Va., 4.													
7/ Va., 8 estab.; N. C., 3.													
8/ Ky., 5 estab.; Tenn., 8.													
9/ Miss., 7 estab.; La., 4.													
10/ Idaho, 3 estab.; Utah, 1; Ariz., 4.													

1/ Biennial-census totals for the industry: Establishments, 642; wage earners, 25,351; wages, \$19,159,030.

2/ W. E., 13 estab.; Vt., 2. 3/ R. I., 4 estab.; Conn., 5. 4/ Iowa, 3 estab.; Mo., 7.

5/ S. Dak., 1 estab.; Nebr., 2; Kans., 3. 6/ Del., 4 estab.; Md., 8; W. Va., 4. 7/ Va., 8 estab.; N. C., 3.

8/ Ky., 5 estab.; Tenn., 8. 9/ Miss., 7 estab.; La., 4. 10/ Idaho, 3 estab.; Utah, 1; Ariz., 4.

UPHOLSTERED HOUSEHOLD FURNITURE												
Total for man-hour tabulations	1/510	1/23,103	162.8	52.5	11.7	1.10	1.74	2.18	1.08	.44	.60	1.94
The North (Districts A, B, C, and D)	341	15,093	161.5	56.4	12.6	1.17	1.86	2.34	1.17	.48	.58	1.77
The South (Districts E, F, and G)	88	5,700	166.4	38.4	9.1	.84	1.32	1.63	.79	.31	.65	2.33
The West (District H)	81	2,310	162.0	62.6	12.0	1.30	2.05	2.53	1.23	.48	.60	2.09
By districts and States												
District A, total	57	1,376	165.1	47.2	15.0	1.07	1.69	2.01	.94	.32	.32	1.22
Maine and New Hampshire	2/3	125	193.8	31.1	17.2	.61	1.09	1.29	.68	.20	.65	1.40
Massachusetts	36	843	163.8	50.8	15.4	1.10	1.77	2.11	1.01	.34	.31	1.12
Rhode Island and Connecticut	3/18	408	159.2	45.6	13.3	1.15	1.74	2.05	.90	.31	.21	1.38
District B, total	130	4,608	154.7	58.5	14.8	1.29	2.03	2.58	1.29	.55	.54	1.58
New York	79	3,225	154.7	60.4	15.6	1.32	2.08	2.69	1.37	.61	.57	1.76
New Jersey	12	366	163.8	54.3	18.7	1.32	2.05	2.44	1.12	.39	.57	1.87
Pennsylvania	39	1,017	151.4	53.7	10.6	1.21	1.85	2.29	1.08	.44	.42	.89
District C, total	123	8,010	164.5	56.5	11.1	1.11	1.79	2.27	1.16	.48	.66	2.02
Michigan	28	1,185	171.2	48.0	12.2	1.07	1.67	2.10	1.03	.43	.49	1.47
Ohio	29	1,400	167.4	58.4	12.5	1.35	2.06	2.64	1.29	.58	.46	1.40
Indiana	24	1,759	172.7	45.4	10.3	.96	1.52	1.87	.91	.35	.65	2.43
Illinois	29	2,906	157.8	68.4	9.7	1.16	1.94	2.50	1.34	.56	.88	2.01
Wisconsin	13	760	155.4	50.2	14.1	.91	1.55	1.91	1.00	.36	.49	3.15
District D, total	31	1,099	164.4	58.7	11.9	1.24	1.95	2.32	1.08	.37	.56	1.43
Minnesota and Iowa	4/12	515	162.6	62.2	13.1	1.14	1.89	2.22	1.08	.33	.70	1.22
Missouri	13	386	170.5	55.8	10.7	1.27	1.94	2.32	1.05	.38	.37	.98
Nebraska and Kansas	5/6	198	157.2	55.2	11.6	1.44	2.11	2.59	1.15	.48	.56	2.82
District E, total	61	4,342	167.0	37.4	8.2	.79	1.25	1.55	.76	.30	.67	2.45
Maryland, West Virginia, and Virginia	6/24	786	172.1	45.7	6.0	.95	1.47	1.78	.83	.31	.30	1.43
North Carolina	25	2,742	167.3	34.6	8.2	.75	1.18	1.51	.76	.33	.73	2.31
Kentucky	4	116	178.9	46.4	18.5	1.08	1.73	2.03	.95	.30	.33	2.21
Tennessee	8	698	158.1	36.9	8.7	.69	1.15	1.33	.64	.18	.90	4.18
District F, total	17	957	168.3	38.1	13.8	.99	1.51	1.83	.84	.32	.66	2.14
Georgia	7	252	175.1	37.5	13.1	.94	1.45	1.85	.91	.40	.57	2.12
South Carolina, Florida, Alabama, and Louisiana	7/7	243	180.8	36.1	9.5	.93	1.38	1.68	.75	.30	.50	2.28
Arkansas	3	462	158.1	39.6	16.8	1.06	1.63	1.91	.85	.28	.82	2.07
District G---Oklahoma and Texas	8/10	401	155.6	50.5	7.9	1.03	1.61	1.99	.96	.38	.36	1.46
District H, total	81	2,310	162.0	62.6	12.0	1.30	2.05	2.53	1.23	.48	.60	2.09
Colorado and Utah	9/4	129	158.7	56.0	8.5	1.75	2.39	2.85	1.11	.46	.41	1.14
Washington and Oregon	10/24	436	161.5	66.6	11.5	1.56	2.34	2.82	1.26	.48	.57	2.06
California	53	1,745	162.3	62.1	12.4	1.20	1.95	2.43	1.23	.48	.63	2.17

ESTABLISHMENTS IN 171 INDUSTRIES: 1939---Continued

District, State, and class	Estab- lish- ments	Wage earners (average for year)	Hours per month	Per wage-earner man-hour								Horse- power per W. E.
				Wage earnings cents	Salary costs, cents	Cost mate- rials	Prime cost	Value prod- ucts	Value added	V. P. minus P. C.	Electric energy used, KWH	

UPHOLSTERED HOUSEHOLD FURNITURE---Continued

<u>By size of plant</u>												
1 to 20 wage earners	259	2,529	152.8	55.4	16.0	\$1.36	\$2.07	\$2.63	\$1.27	\$.56	.37	1.38
21 to 100	189	8,747	165.0	52.1	13.0	1.20	1.85	2.26	1.06	.41	.47	1.59
101 to 500	58	9,531	163.8	49.4	10.4	.95	1.55	1.93	.98	.38	.65	2.41
501 to 2,500	4	2,296	160.9	63.8	7.7	1.07	1.78	2.43	1.36	.65	1.14	1.92
<u>The North by size of city</u>												
Under 10,000 inhabitants	50	4,481	164.7	52.4	10.5	1.02	1.65	2.12	1.10	.47	.68	2.33
10,000 to 24,999	20	755	171.9	42.6	13.1	.91	1.47	1.91	1.00	.44	.56	1.96
25,000 to 99,999	41	2,375	165.7	56.4	12.6	1.06	1.75	2.19	1.13	.44	.64	2.27
100,000 to 499,999	84	2,652	160.8	54.3	12.5	1.26	1.93	2.34	1.08	.41	.47	1.23
500,000 and over	146	4,830	155.4	63.8	14.7	1.37	2.15	2.70	1.33	.55	.52	1.27
<u>The South by size of city</u>												
Under 10,000 inhabitants	17	1,778	170.5	34.9	6.4	.73	1.15	1.35	.62	.20	.57	2.40
10,000 to 24,999	5	925	171.8	33.9	7.1	.63	1.04	1.34	.71	.30	1.01	2.51
25,000 to 99,999	20	1,107	150.7	37.3	16.6	1.04	1.58	2.11	1.07	.53	.66	2.36
100,000 to 499,999	28	1,344	167.6	42.3	9.6	.90	1.42	1.73	.83	.31	.66	2.52
500,000 and over	18	546	173.0	49.2	6.6	1.02	1.58	1.86	.84	.28	.23	1.21
<u>The West by size of city</u>												
10,000 to 499,999 inhabitants	11/35	753	158.0	65.4	11.6	1.53	2.30	2.75	1.22	.45	.60	1.62
500,000 and over	46	1,557	163.9	61.3	12.2	1.19	1.93	2.42	1.23	.49	.61	2.31

1/ Biennial-census totals for the industry: Establishments, 853; wage earners, 29,949; wages, \$30,082,203.

2/ Me., 1 estab.; N. H., 2.

3/ R. I., 5 estab.; Conn., 13.

4/ Minn., 10 estab.; Iowa, 2.

5/ Mebr., 5 estab.; Kans., 1.

6/ Md., 19 estab.; W. Va., 1; Va., 4.

7/ S. C., 1 estab.; Fla., 3; Ala., 1; La., 2.

8/ Okla., 1 estab.; Tex., 9.

9/ Colo., 3 estab.; Utah, 1.

10/ Wash., 18 estab.; Oreg., 6.

11/ 10,000-24,999 group, 2 estab.; 100,000-499,999 group, 33.

HOUSEHOLD FURNITURE EXCEPT UPHOLSTERED

Total for man-hour tabulations	1/932	1/72,411	169.4	44.1	10.4	.79	1.34	1.70	.91	.36	1.16	3.45
The North (Districts A, B, C, and D)	613	40,758	169.3	47.5	12.3	.81	1.40	1.76	.95	.36	1.11	3.69
The South (Districts E, F, and G)	198	26,268	171.1	36.5	7.7	.76	1.20	1.54	.78	.34	1.15	3.01
The West (District H)	121	5,385	161.1	56.6	9.2	.83	1.49	1.99	1.16	.50	1.56	3.81
<u>By districts and States</u>												
District A, total	82	3,643	174.0	43.4	13.1	.71	1.27	1.56	.85	.29	.73	4.15
Maine and New Hampshire	2/13	704	178.6	35.7	10.3	.56	1.02	1.28	.72	.26	.83	5.56
Vermont	9	583	174.7	41.2	13.2	.55	1.10	1.33	.78	.23	.83	5.22
Massachusetts	48	2,146	171.3	46.8	14.0	.76	1.36	1.67	.91	.31	.69	3.15
Connecticut	12	210	184.2	41.6	14.3	1.20	1.76	2.09	.89	.33	.63	6.66
District B, total	225	11,447	169.4	49.3	12.4	.84	1.46	1.85	1.01	.39	1.06	3.71
New York	136	4,890	169.7	54.1	15.7	.88	1.58	2.05	1.17	.47	1.09	4.00
New Jersey	13	963	174.5	53.3	12.5	.86	1.52	2.03	1.17	.51	1.00	1.90
Pennsylvania	76	5,594	168.2	44.4	9.5	.81	1.35	1.65	.84	.30	1.05	3.77
District C, total	272	24,611	168.8	47.3	12.1	.80	1.40	1.75	.95	.35	1.20	3.61
Michigan	61	5,654	166.7	48.3	12.9	.64	1.25	1.58	.94	.33	1.48	3.49
Ohio	26	1,418	168.7	46.6	16.1	.74	1.37	1.80	1.06	.43	1.52	3.55
Indiana	73	7,804	166.6	42.3	9.5	.82	1.34	1.60	.78	.26	1.08	3.50
Illinois	88	7,295	172.8	49.4	13.7	.86	1.49	1.91	1.05	.42	.89	2.81
Wisconsin	24	2,440	169.1	55.0	11.4	1.00	1.67	2.12	1.12	.45	1.71	6.66
District D, total	34	1,057	164.2	45.4	13.2	.75	1.34	1.62	.87	.28	1.04	3.92
Minnesota	16	276	166.3	51.5	9.4	.59	1.20	1.52	.93	.32	.80	4.55
Iowa, South Dakota, Nebraska, and Kansas	3/9	457	165.7	43.8	15.1	.82	1.41	1.57	.75	.16	1.53	3.27
Missouri	9	324	160.2	42.2	13.9	.79	1.36	1.78	.99	.42	.54	4.30
District E, total	138	21,768	171.0	37.2	7.4	.78	1.22	1.57	.79	.35	1.22	2.96
Maryland	14	515	180.9	43.8	13.2	.79	1.36	1.73	.94	.37	.82	2.84
West Virginia and Virginia	4/25	6,066	171.8	36.7	6.9	.98	1.42	1.82	.84	.40	1.27	2.90
North Carolina	63	10,820	170.0	36.0	7.0	.70	1.13	1.47	.77	.34	1.16	2.60
Kentucky	22	2,439	176.3	43.3	9.0	.71	1.23	1.48	.77	.25	1.59	4.57
Tennessee	14	1,928	164.3	35.8	7.6	.60	1.04	1.35	.75	.31	1.06	3.18
District F, total	51	3,751	173.6	31.2	9.4	.69	1.10	1.39	.70	.29	.72	2.92
South Carolina	5	246	177.0	25.8	4.8	.52	.83	.97	.45	.14	.50	4.73
Georgia	13	1,098	171.9	29.4	6.8	.52	.88	1.14	.62	.26	.83	3.12
Florida	9	194	182.7	34.4	19.5	.60	1.14	1.34	.74	.20	.37	3.95
Alabama and Mississippi	5/3	85	161.6	29.7	8.6	.69	1.07	1.38	.69	.31	.44	1.21
Louisiana	11	392	187.3	29.4	20.2	.87	1.37	1.74	.87	.37	.50	2.08
Arkansas	10	1,736	170.6	33.3	7.8	.79	1.20	1.53	.74	.33	.79	2.70
District G---Texas	9	749	164.3	41.8	9.8	.76	1.28	1.64	.88	.36	1.25	4.72
District H, total	121	5,385	161.1	56.6	9.2	.83	1.49	1.99	1.16	.50	1.56	3.81
Colorado, Utah, Washington, and Oregon	6/29	2,779	152.3	56.4	7.5	.83	1.47	1.93	1.10	.46	2.24	4.29
California	92	2,606	170.4	56.8	10.8	.84	1.51	2.05	1.21	.54	.91	3.31

ESTABLISHMENTS IN 171 INDUSTRIES: 1939---Continued

District, State, and class	Estab- lish- ments	Wage earners (average for year)	Hours per month	Per wage-earner man-hour								Horse- power per W. E.	
				Wage earnings cents	Salary costs, cents	Cost mate- rials	Prime cost	Value prod- ucts	Value added	V. P. minus P. C.	Electric energy used, KWH		
HOUSEHOLD FURNITURE EXCEPT UPHOLSTERED---Continued													
<u>By size of plant</u>													
1 to 20 wage earners	366	3,449	165.3	48.6	13.7	\$.88	\$1.50	\$1.93	\$1.05	\$.43	.77	5.18	
21 to 100	341	16,725	168.5	44.4	12.7	.80	1.37	1.74	.94	.37	.97	4.13	
101 to 500	211	42,260	171.0	42.7	10.1	.79	1.32	1.68	.89	.36	1.14	3.13	
501 to 2,500	14	9,777	165.2	47.9	6.9	.77	1.32	1.63	.86	.31	1.70	3.11	
<u>The North by size of city</u>													
Under 10,000 inhabitants	178	14,318	170.7	44.1	11.0	.73	1.28	1.61	.88	.33	1.05	3.77	
10,000 to 24,999	81	7,695	165.6	45.0	11.5	.81	1.37	1.67	.86	.30	1.15	3.47	
25,000 to 99,999	96	8,938	169.1	50.4	11.6	.79	1.41	1.74	.95	.33	1.21	4.31	
100,000 to 499,999	57	3,438	170.9	49.8	14.4	.69	1.34	1.73	1.04	.39	1.70	3.61	
500,000 and over	201	6,369	170.3	52.7	16.3	1.07	1.76	2.25	1.18	.49	.77	2.96	
<u>The South by size of city</u>													
Under 10,000 inhabitants	71	11,595	174.2	34.9	6.7	.76	1.17	1.53	.77	.36	1.15	2.54	
10,000 to 24,999	31	5,658	163.8	36.7	7.8	.83	1.28	1.64	.81	.36	1.23	3.36	
25,000 to 99,999	40	4,772	169.9	35.2	9.0	.73	1.17	1.50	.77	.33	.99	3.01	
100,000 to 499,999	44	3,992	174.1	41.8	9.1	.72	1.23	1.50	.78	.27	1.28	3.89	
500,000 and over	12	251	169.0	45.4	10.6	.63	1.19	1.46	.83	.27	.46	2.34	
<u>The West by size of city</u>													
Under 10,000 inhabitants	4	90	176.3	46.9	6.8	.42	.96	1.38	.96	.42	.74	4.17	
10,000 to 24,999	7	292	166.8	51.5	16.3	1.34	2.02	2.57	1.23	.55	2.94	4.50	
25,000 to 99,999	4	234	171.5	46.1	9.6	.45	1.00	1.49	1.04	.49	1.52	4.59	
100,000 to 499,999	37	2,571	150.9	58.6	6.0	.83	1.47	1.94	1.11	.47	2.03	4.14	
500,000 and over	69	2,198	170.5	56.8	11.6	.84	1.53	2.06	1.22	.53	.93	3.25	

1/ Biennial-census totals for the industry: Establishments, 1,592; wage earners, 95,010; wages, \$83,998,671.

2/ Me., 4 estab.; N. H., 9.

3/ Iowa, 5 estab.; S. Dak., 1; Nebr., 1; Kans., 2.

4/ W. Va., 1 estab.; Va., 24.

5/ Ala., 2 estab.; Miss., 1.

6/ Colo., 1 estab.; Utah, 1; Wash., 18; Oreg., 9.

OFFICE FURNITURE												
Total for man-hour tabulations	1/99	1/10,555	172.3	57.0	14.7	.94	1.65	2.25	1.31	.60	1.17	2.86
The North (Districts A, B, and C)	85	9,904	172.4	58.3	14.9	.95	1.68	2.30	1.35	.62	1.19	2.78
The South (District D)	5	533	170.8	34.3	11.9	.76	1.22	1.47	.71	.25	.85	4.25
The West (District E)	9	118	170.7	47.2	13.6	.79	1.40	2.00	1.21	.60	.60	3.51
<u>By districts and States</u>												
District A, total	31	3,666	173.8	55.4	15.3	.93	1.64	2.36	1.43	.72	1.24	2.55
Massachusetts and New York	2/21	2,960	175.4	55.4	14.0	.93	1.62	2.40	1.47	.78	1.35	2.54
New Jersey and Pennsylvania	3/10	706	166.7	55.4	21.3	.93	1.70	2.16	1.23	.46	.78	2.62
District B, total	46	5,986	171.2	60.8	14.7	.96	1.72	2.27	1.31	.55	1.18	2.93
Michigan	11	1,202	184.7	54.3	12.3	.76	1.43	2.01	1.25	.58	.94	2.52
Ohio and Indiana	4/19	3,504	168.1	64.7	13.7	1.08	1.86	2.39	1.31	.53	1.38	2.84
Illinois and Wisconsin	5/16	1,280	167.0	56.9	19.7	.87	1.64	2.22	1.35	.58	.86	3.53
District C---Minnesota, Iowa, Missouri, Kansas	6/8	252	182.2	43.5	13.6	.79	1.36	2.00	1.21	.64	.76	2.69
District D---W. Va., N. C., and Tex.	7/5	533	170.8	34.3	11.9	.76	1.22	1.47	.71	.25	.85	4.25
District E---Oregon and California	8/9	118	170.7	47.2	13.6	.79	1.40	2.00	1.21	.60	.60	3.51

<u>By size of plant</u>												
1 to 20 wage earners	25	263	169.0	49.0	18.4	1.09	1.77	2.35	1.26	.58	.68	4.38
21 to 100	40	1,941	170.4	51.3	17.6	.87	1.55	2.09	1.22	.54	.85	3.56
101 to 500	31	5,953	174.1	53.4	15.2	.93	1.61	2.24	1.31	.63	1.22	2.81
501 to 2,500	3	2,398	169.8	71.6	10.8	1.00	1.82	2.40	1.40	.58	1.36	2.27
<u>The North by size of city</u>												
Under 10,000 inhabitants	21	1,801	172.5	51.2	16.8	.93	1.61	2.18	1.25	.57	1.02	3.11
10,000 to 24,999	8	1,281	170.2	56.6	17.1	.95	1.69	1.80	.85	.11	1.52	2.91
25,000 to 99,999	14	2,567	180.3	58.7	14.2	.92	1.65	2.68	1.76	1.03	.95	2.18
100,000 to 499,999	16	2,782	166.4	68.2	11.6	1.06	1.86	2.41	1.35	.55	1.58	2.66
500,000 and over	26	1,473	171.9	49.7	18.0	.82	1.50	1.97	1.15	.47	.84	3.55

1/ Biennial-census totals for the industry: Establishments, 152; wage earners, 11,776; wages, \$13,674,150.

2/ Mass., 2 estab.; N. Y., 19.

3/ N. J., 3 estab.; Pa., 7.

4/ Ohio, 8 estab.; Ind., 11.

5/ Ill., 13 estab.; Wis., 3.

6/ Minn., 3 estab.; Iowa, 1; Mo., 3; Kans., 1.

7/ W. Va., 1 estab.; N. C., 3; Tex., 1.

8/ Oreg., 1 estab.; Calif., 8.

PUBLIC-BUILDING FURNITURE												
Total for man-hour tabulations	1/76	1/5,163	173.2	53.6	16.0	.88	1.58	2.12	1.24	.54	1.47	3.73
The North (Districts A, B, and C)	62	4,556	171.3	56.2	17.0	.92	1.65	2.19	1.27	.54	1.58	3.90
The South (District D)	8	518	190.7	33.7	6.5	.59	.99	1.52	.93	.53	.68	1.90
The West (District E)	6	89	169.7	49.8	23.2	.97	1.70	2.34	1.37	.64	.91	.56
<u>By districts and States</u>												
District A, total	27	2,348	170.6	54.2	13.6	.73	1.41	1.90	1.17	.49	1.64	3.57
Vermont, Massachusetts, and Connecticut	2/9	1,638	167.6	53.7	11.0	.67	1.32	1.89	1.22	.57	1.48	3.09
New York and Pennsylvania	3/18	710	177.7	55.2	19.0	.84	1.58	1.90	1.06	.32	2.00	4.68
District B, total	31	2,129	171.9	58.5	20.8	1.11	1.90	2.50	1.39	.60	1.54	4.28
Michigan and Ohio	4/12	1,342	165.9	65.1	21.7	1.20	2.07	2.75	1.55	.68	2.05	3.85
Indiana	4	317	188.3	43.1	17.8	.90	1.51	2.05	1.15	.54	.63	4.48
Illinois and Wisconsin	5/15	470	178.1	51.7	20.8	1.00	1.73	2.16	1.16	.43	.85	5.39

ESTABLISHMENTS IN 171 INDUSTRIES: 1939--Continued

District, State, and class	Estab- lish- ments	Wage earners (average for year)	Hours per month	Per wage-earner man-hour								Horse- power per W. E.
				Wage earnings cents	Salary costs, cents	Cost mate- rials	Prime cost	Value prod- ucts	Value added	V. P. minus P. C.	Electric energy used, KWH	
PUBLIC-BUILDING FURNITURE--Continued												
District C--Minnesota, Iowa, and Kansas . . .	6/4	79	172.1	51.9	15.3	\$1.65	\$2.32	\$2.84	\$1.19	\$.52	.77	3.53
District D--Va., N. C., Ky., Tenn., Ga., Okla., and Tex.	7/8	518	190.7	33.7	6.5	.59	.99	1.52	.93	.53	.68	1.90
District E--Utah and California	8/6	89	169.7	49.8	23.2	.97	1.70	2.34	1.37	.64	.91	.56
By size of plant												
1 to 20 wage earners	37	393	167.3	51.9	18.9	.92	1.63	2.11	1.19	.48	.91	7.90
21 to 100	31	1,486	174.8	46.8	16.3	.87	1.50	1.92	1.05	.42	.85	4.89
101 to 2,500	9/8	3,284	173.2	56.9	15.4	.89	1.61	2.22	1.33	.61	1.82	2.71
The North by size of city												
Under 10,000 inhabitants	17	736	183.5	45.6	14.2	.90	1.50	1.95	1.05	.45	1.98	6.38
10,000 to 99,999	10/14	2,094	169.9	54.6	13.1	.77	1.45	1.99	1.22	.54	1.35	3.20
100,000 to 499,999	15	1,321	166.3	65.9	22.7	1.14	2.03	2.61	1.47	.58	1.96	3.90
500,000 and over	16	405	172.5	53.9	24.1	1.03	1.81	2.39	1.36	.58	.78	3.07
1/ Biennial-census totals for the industry: Establishments, 106; wage earners, 5,900; wages, \$6,567,855.												
2/ Vt., 1 estab.; Mass., 7; Conn., 1. 3/ N. Y., 13 estab.; Pa., 5. 4/ Mich., 6 estab.; Ohio, 6.												
5/ Ill., 9 estab.; Wis., 6. 6/ Minn., 2 estab.; Iowa, 1; Kans., 1.												
7/ Va., 1 estab.; N. C., 1; Ky., 1; Tenn., 1; Ga., 1; Okla., 1; Tex., 2. 8/ Utah, 1 estab.; Calif., 5.												
9/ 101-500 group, 6 estab.; 501-2,500 group, 2. 10/ 10,000-24,999 group, 8 estab.; 25,000-99,999 group, 6.												
LABORATORY, HOSPITAL, AND OTHER PROFESSIONAL FURNITURE												
Total for man-hour tabulations	1/51	1/2,389	170.9	54.7	23.7	1.01	1.80	2.43	1.42	.63	.93	3.20
The North (Districts A, B, and C)	45	2,323	170.5	54.7	24.1	1.00	1.79	2.42	1.42	.63	.93	3.24
The West (District D)	6	66	185.8	53.6	9.0	1.67	2.30	2.88	1.21	.58	.83	1.74
By districts and States												
District A, total	18	382	161.8	61.3	22.3	.95	1.78	2.39	1.44	.61	.58	1.85
Massachusetts and New York	2/14	271	168.6	60.8	25.0	1.01	1.87	2.49	1.48	.62	.53	1.85
New Jersey and Pennsylvania	3/4	111	145.0	62.7	14.6	.76	1.53	2.09	1.33	.56	.75	1.86
District B, total	20	1,725	171.6	54.3	25.6	1.02	1.82	2.50	1.48	.68	1.03	3.47
Michigan	3	504	173.5	57.2	14.8	1.11	1.83	2.41	1.30	.58	1.00	5.21
Ohio	3	121	163.3	61.1	11.3	.81	1.53	2.36	1.55	.83	.50	1.40
Indiana	6	165	173.0	47.2	21.1	.87	1.55	2.40	1.53	.85	.92	3.81
Illinois and Wisconsin	4/8	935	171.4	53.1	34.1	1.03	1.90	2.59	1.56	.69	1.12	2.75
District C--Minnesota, Missouri, and Texas	5/7	216	177.2	47.7	15.9	.87	1.50	1.83	.96	.33	.75	3.85
District D--California	6	66	185.8	53.6	9.0	1.67	2.30	2.88	1.21	.58	.83	1.74
By size of plant												
1 to 20 wage earners	30	262	170.8	53.4	19.7	.92	1.65	2.14	1.22	.49	.57	3.11
21 to 100	17	935	172.0	57.3	21.1	1.08	1.86	2.71	1.63	.85	.81	2.66
101 to 2,500	6/4	1,192	170.0	52.9	26.6	.99	1.79	2.28	1.29	.49	1.10	3.64
The North by size of city												
Under 10,000 inhabitants	4	281	165.7	42.6	11.1	.76	1.30	1.98	1.22	.68	1.16	3.74
10,000 to 99,999	7/7	1,114	171.7	56.2	29.5	1.12	1.98	2.67	1.55	.69	1.05	3.31
100,000 to 499,999	12	257	167.8	54.5	16.9	.77	1.48	2.08	1.31	.60	.53	2.63
500,000 and over (West is mostly this city-size)	22	571	171.6	57.2	23.2	.98	1.78	2.31	1.33	.53	.79	3.15
1/ Biennial-census totals for the industry: Establishments, 82; wage earners, 2,982; wages, \$3,350,765.												
2/ Mass., 2 estab.; N. Y., 12. 3/ N. J., 1 estab.; Pa., 3. 4/ Ill., 6 estab.; Wis., 2.												
5/ Minn., 1 estab.; Mo., 5; Tex., 1. 6/ 101-500 group, 3 estab.; 501-2,500 group, 1.												
7/ 10,000-24,999 group, 2 estab.; 25,000-99,999 group, 5.												
PARTITIONS, SHELVING, CABINET WORK, AND OFFICE AND STORE FIXTURES												
Total for man-hour tabulations	1/379	1/10,132	164.4	66.1	20.9	1.09	1.96	2.55	1.46	.59	.95	3.68
The North (Districts A, B, C, and D)	265	8,201	164.2	66.2	20.9	1.13	2.00	2.62	1.49	.62	.98	3.55
The South (Districts E and F)	43	819	174.9	52.3	24.3	.80	1.57	1.94	1.14	.37	.73	5.01
The West (District G)	71	1,112	158.0	76.3	18.5	1.07	2.02	2.58	1.51	.56	.95	3.67
By districts and States												
District A, total	17	365	173.2	63.1	23.0	.98	1.84	2.36	1.38	.52	.66	4.81
Massachusetts	11	173	163.0	62.0	22.0	1.10	1.94	2.52	1.42	.58	.50	2.35
Maine, New Hampshire, Rhode Island, and Connecticut	2/6	192	182.4	64.0	23.9	.88	1.76	2.22	1.34	.46	.79	7.02
District B, total	114	1,941	155.0	76.0	27.1	1.41	2.44	3.19	1.78	.75	.94	5.07
New York	79	1,025	154.7	80.2	31.8	1.62	2.74	3.61	1.99	.87	.93	5.05
New Jersey	7	214	174.1	66.3	23.1	1.71	2.60	3.39	1.68	.79	1.88	7.52
Pennsylvania	28	702	149.8	73.1	21.4	.99	1.94	2.49	1.50	.55	.62	4.35
District C, total	97	4,452	165.0	65.1	18.9	1.08	1.92	2.53	1.45	.61	1.09	2.86
Michigan	16	922	174.2	64.7	23.9	.70	1.58	2.33	1.63	.75	1.57	3.28
Ohio	27	1,245	161.6	68.8	21.9	1.29	2.19	2.81	1.52	.62	1.30	3.00
Indiana	3	40	168.0	48.0	26.6	1.05	1.80	2.23	1.18	.43	.68	4.10
Illinois	42	2,057	161.2	64.1	14.4	1.16	1.95	2.52	1.36	.57	.80	2.58
Wisconsin	9	188	183.7	57.4	19.2	.79	1.56	1.98	1.19	.42	.48	2.63
District D, total	37	1,443	171.9	58.7	18.7	.97	1.75	2.26	1.29	.51	.78	3.31
Minnesota	9	139	162.4	71.1	15.3	.93	1.79	2.15	1.22	.36	.42	2.24
Iowa	3	144	173.6	54.8	12.7	.70	1.38	2.12	1.42	.74	.38	2.26
Missouri	18	949	170.7	60.5	21.0	.96	1.78	2.15	1.19	.37	.80	3.44
Nebraska and Kansas	3/7	211	182.6	46.4	14.4	1.20	1.81	2.86	1.66	1.05	1.15	4.15

ESTABLISHMENTS IN 171 INDUSTRIES: 1939---Continued

District, State, and class	Estab- lish- ments	Wage earners (average for year)	Hours per month	Per wage-earner man-hour								Horse- power per W. E.
				Wage earnings, cents	Salary costs, cents	Cost mate- rials	Prime cost	Value prod- ucts	Value added	V. P. minus P. C.	Electric energy used, KWH	
PARTITIONS, SHELVING, CABINET WORK, AND OFFICE AND STORE FIXTURES---Continued												
District E, total	21	410	173.2	55.5	26.0	\$.80	\$1.62	\$1.90	\$1.10	\$.28	.82	5.20
Maryland and District of Columbia	4/11	231	172.2	58.2	25.4	.87	1.71	2.02	1.15	.31	.94	4.86
Virginia, North Carolina, Kentucky, and Tennessee	5/10	179	174.4	52.1	26.7	.70	1.49	1.74	1.04	.25	.66	5.65
District F, total	22	409	176.7	49.1	22.7	.79	1.51	1.97	1.18	.46	.65	4.81
Georgia, Florida, Alabama, Louisiana, Arkansas	6/7	141	192.3	41.5	19.1	.86	1.46	1.85	.99	.39	.65	4.25
Oklahoma and Texas	7/15	268	168.5	53.7	24.8	.76	1.55	2.05	1.29	.50	.64	5.10
District G, total	71	1,112	158.0	76.3	18.5	1.07	2.02	2.58	1.51	.56	.95	3.67
Colorado and Arizona	8/6	60	176.0	66.9	15.0	1.03	1.85	2.58	1.55	.73	.93	5.97
Washington and Oregon	9/12	203	159.4	71.1	18.0	.82	1.71	2.15	1.33	.44	1.95	6.75
California	53	849	156.4	78.3	18.9	1.13	2.10	2.68	1.55	.58	.71	2.78
By size of plant												
1 to 20 wage earners	258	2,178	156.7	69.1	24.8	1.14	2.08	2.67	1.53	.59	.68	4.98
21 to 100	105	4,323	165.5	68.2	22.5	1.14	2.05	2.59	1.45	.54	.90	4.18
101 to 2,500	10/16	3,631	167.7	61.9	16.9	1.01	1.79	2.45	1.44	.66	1.17	2.30
The North by size of city												
Under 10,000 inhabitants	18	505	165.6	49.3	21.6	.78	1.49	2.15	1.37	.66	1.06	4.83
10,000 to 24,999	10	511	164.4	55.2	13.0	1.36	2.04	2.93	1.57	.89	.94	2.41
25,000 to 99,999	19	1,092	157.3	64.9	19.4	1.17	2.02	2.88	1.71	.86	.89	2.69
100,000 to 499,999	51	2,157	168.3	68.0	20.7	1.07	1.96	2.62	1.55	.66	1.32	3.70
500,000 and over	167	3,936	163.7	69.2	22.3	1.16	2.08	2.57	1.41	.49	.80	3.68
The South by size of city												
Under 25,000 inhabitants	11/5	62	192.5	36.7	15.6	.53	1.06	1.43	.90	.37	.87	8.56
25,000 to 99,999	4	96	195.4	40.4	20.5	.64	1.25	1.61	.97	.36	.69	7.09
100,000 to 499,999	23	430	169.3	54.7	26.1	.84	1.65	2.06	1.22	.41	.60	4.10
500,000 and over	11	231	172.2	58.2	25.4	.87	1.71	2.02	1.15	.31	.94	4.86
The West by size of city												
Under 100,000 inhabitants	12/10	114	162.6	66.2	21.2	1.26	2.13	2.87	1.61	.74	1.45	3.70
100,000 to 499,999	22	297	164.2	73.4	20.7	.96	1.90	2.51	1.55	.61	1.59	6.22
500,000 and over	39	701	154.6	79.3	17.0	1.08	2.04	2.55	1.47	.51	.58	2.59
1/ Biennial-census totals for the industry: Establishments, 716; wage earners, 13,826; wages, \$17,735,228.												
2/ Me., 1 estab.; N. H., 1; R. I., 2; Conn., 2. 3/ Nebr., 3 estab.; Kans., 4. 4/ Md., 10 estab.; D. C., 1.												
5/ Va., 5 estab.; N. C., 3; Ky., 1; Tenn., 1. 6/ Ga., 2 estab.; Fla., 1; Ala., 1; La., 2; Ark., 1.												
7/ Okla., 2 estab.; Tex., 13. 8/ Colo., 5 estab.; Ariz., 1. 9/ Wash., 9 estab.; Oreg., 3.												
10/ 101-500 group, 15 estab.; 501-2,500 group, 1. 11/ "Under 10,000" group, 3 estab.; 10,000-24,999 group, 2.												
12/ "Under 10,000" group, 1 estab.; 10,000-24,999 group, 3; 25,000-99,999 group, 6.												
PAPER AND PAPERBOARD MILLS												
Total for man-hour tabulations	1/530	1/101,360	175.8	61.4	14.1	2.27	3.03	4.00	1.73	.97	27.18	*24.99
The North (Districts A, B, C, and D)	440	80,105	177.5	61.7	14.5	2.19	2.95	3.88	1.69	.93	24.15	23.35
The South (Districts E and F)	62	14,643	173.0	54.3	12.3	2.62	3.29	4.38	1.76	1.09	39.74	30.99
The West (District G)	28	6,612	161.4	74.8	13.4	2.53	3.41	4.78	2.25	1.37	37.75	31.57
By districts and States												
District A, total	128	20,250	175.0	59.5	13.0	2.01	2.74	3.62	1.61	.88	23.43	26.08
Maine, New Hampshire, and Vermont	2/44	10,256	176.6	60.6	11.3	2.43	3.15	4.12	1.69	.97	32.00	34.26
Massachusetts	59	8,233	173.7	57.4	13.9	1.51	2.22	3.01	1.50	.79	13.56	17.41
Rhode Island and Connecticut	3/25	1,761	171.3	63.0	19.1	1.85	2.67	3.47	1.62	.80	18.79	18.93
District B, total	152	23,695	177.1	62.3	15.8	2.38	3.16	4.26	1.88	1.10	25.72	26.04
New York	85	11,628	177.3	59.3	15.1	2.43	3.18	4.04	1.61	.86	25.51	30.82
New Jersey	32	4,303	170.2	69.5	16.4	2.39	3.25	4.41	2.02	1.16	27.36	19.86
Pennsylvania	35	7,764	180.7	63.0	16.5	2.29	3.09	4.49	2.20	1.40	25.17	22.29
District C, total	148	33,777	179.1	62.3	14.5	2.16	2.93	3.75	1.59	.82	22.95	18.95
Michigan	41	10,755	178.5	62.0	10.8	1.97	2.70	3.46	1.49	.76	20.99	18.19
Ohio	42	8,858	179.1	61.9	17.5	2.08	2.88	3.52	1.44	.64	25.89	18.38
Indiana	13	1,729	170.8	56.3	15.3	1.97	2.69	3.57	1.60	.88	25.42	20.74
Illinois	18	3,428	178.6	63.8	13.2	1.84	2.61	3.64	1.80	1.03	14.56	14.47
Wisconsin	34	9,007	181.8	63.6	16.2	2.59	3.39	4.37	1.78	.98	25.09	21.80
District D, total	12	2,383	178.4	65.5	14.6	2.35	3.15	4.21	1.86	1.06	31.84	35.88
Minnesota	6	1,848	177.6	68.8	15.7	2.42	3.27	4.37	1.95	1.10	34.48	39.96
Iowa, Missouri, and Kansas	4/6	535	181.3	54.4	10.8	2.09	2.74	3.65	1.56	.91	22.92	21.80
District E, total	39	7,080	177.2	51.3	12.4	2.27	2.91	3.82	1.55	.91	29.64	29.88
Delaware, Maryland, and District of Columbia	5/13	2,265	173.1	49.8	9.1	1.65	2.24	2.76	1.11	.52	19.82	35.63
West Virginia	5	703	174.1	57.1	14.0	2.29	3.00	3.52	1.23	.52	11.09	15.69
Virginia, North Carolina, and Tennessee	6/21	4,112	179.9	51.0	14.0	2.60	3.25	4.44	1.84	1.19	37.90	29.15
District F, total	23	7,563	169.1	57.4	12.1	2.97	3.66	4.94	1.97	1.28	49.65	32.03
South Carolina, Georgia, and Florida	7/7	2,121	174.7	58.9	11.1	3.30	4.00	6.31	3.01	2.31	65.33	27.53
Alabama and Mississippi	8/5	1,981	164.5	52.9	13.2	2.07	2.73	3.73	1.66	1.00	42.35	31.27
Louisiana	8	2,536	173.5	58.6	11.9	3.46	4.16	4.86	1.40	.70	45.15	35.04
Arkansas and Texas	9/3	925	153.9	59.7	12.7	2.59	3.32	4.35	1.76	1.03	39.48	35.73

TABLE 3---AVERAGES PER MAN-HOUR, BY DISTRICTS AND STATES AND BY SIZE CLASSES, FOR SELECTED
ESTABLISHMENTS IN 171 INDUSTRIES: 1939---Continued

District, State, and Class	Estab-lish-ments	Wage earners (average for year)	Hours per month	Per wage-earner man-hour							Horse-power per W. E.	
				Wage earnings cents	Salary costs, cents	Cost mate-rials	Prime cost	Value prod-ucts	Value added	V. P. minus P. C.		Electric energy used, KWH
PAPER AND PAPERBOARD MILLS---Continued												
District G, total	28	6,612	161.4	74.8	13.4	\$2.53	\$3.41	\$4.78	\$2.25	\$1.37	37.75	*31.57
Washington	10	2,695	163.8	72.8	12.6	2.80	3.65	5.29	2.49	1.64	48.31	43.89
Oregon	6	1,746	147.5	79.4	12.1	2.93	3.84	5.08	2.15	1.24	33.52	27.92
California	12	2,171	169.5	73.9	15.2	1.93	2.82	3.96	2.03	1.14	28.06	19.22
By size of plant												
1 to 20 wage earners	18	236	158.5	50.2	18.7	1.49	2.18	2.59	1.10	.41	11.79	43.62
21 to 100	197	11,240	175.9	56.8	15.5	2.18	2.90	3.80	1.62	.90	19.43	22.42
101 to 500	275	58,894	175.6	61.7	14.3	2.35	3.11	4.08	1.73	.97	27.34	25.83
501 to 2,500	40	30,990	176.2	62.7	13.3	2.17	2.93	3.94	1.77	1.01	29.80	24.19
The North by size of city												
Under 10,000 inhabitants	247	37,178	178.1	60.0	13.4	2.29	3.02	3.90	1.61	.88	26.08	29.23
10,000 to 24,999	82	17,098	174.1	61.8	14.1	2.20	2.96	3.82	1.62	.86	24.45	20.42
25,000 to 99,999	71	17,837	179.3	63.0	15.8	2.02	2.81	3.79	1.77	.98	21.33	16.60
100,000 to 499,999	29	4,754	175.1	67.5	18.2	2.16	3.01	4.37	2.21	1.36	22.89	18.87
500,000 and over	11	3,238	181.5	65.9	16.2	1.98	2.80	3.67	1.69	.87	18.10	15.14
The South by size of city												
Under 10,000 inhabitants	39	8,968	172.2	53.6	11.1	2.46	3.10	4.04	1.58	.94	36.94	36.08
10,000 to 24,999	5	1,804	175.8	57.9	16.6	3.37	4.12	5.50	2.13	1.38	43.46	25.87
25,000 to 99,999	6	2,341	165.7	58.4	14.7	3.18	3.91	5.54	2.36	1.63	61.54	23.54
100,000 and over	10/12	1,530	185.5	48.7	10.4	1.93	2.52	3.45	1.52	.93	21.03	18.64
The West by size of city												
Under 10,000 inhabitants	10	3,576	160.9	73.7	13.6	2.67	3.54	4.88	2.21	1.34	39.23	32.56
10,000 to 24,999	9	1,086	162.3	74.5	12.1	2.79	3.66	5.44	2.65	1.78	50.89	46.02
25,000 to 99,999	4	1,088	149.9	79.0	12.8	2.52	3.44	4.66	2.14	1.22	28.12	19.79
100,000 and over	11/5	862	176.5	74.3	14.6	1.73	2.62	3.79	2.06	1.17	27.26	24.14
1/ Biennial-census totals for the industry: Establishments, 638; wage earners, 110,575; wages, \$142,600,328.												
* The horsepower data used in these tabulations for the paper and pulp industries are those originally reported by the manufacturer for each industry, even though occasionally a manufacturer reported for one of these industries at a specified location the total horsepower data for both industries of the company at that location.												
2/ Mo., 22 estab.; N. H., 15; Vt., 7. 3/ R. I., 1 estab.; Conn., 24.												
4/ Iowa, 2 estab.; Mo., 2; Kans., 2. 5/ Del., 5 estab.; Md., 7; D. C., 1. 6/ Va., 10 estab.; N. C., 5; Tenn., 6.												
7/ S. C., 3 estab.; Ga., 2; Fla., 2. 8/ Ala., 3 estab.; Miss., 2. 9/ Ark., 2 estab.; Tex., 1.												
10/ 100,000-499,999 group, 10 estab.; "500,000 and over" group, 2. 11/ 100,000-499,999 group, 1 estab.; "500,000 and over" group, 4.												

PULP MILLS

Total for man-hour tabulations	1/157	1/24,301	170.2	59.5	10.6	2.66	3.36	4.08	1.42	.72	49.49	*30.60
The North (Districts A, B, C, and D)	94	10,940	170.1	59.8	9.3	3.03	3.72	4.28	1.25	.56	55.32	34.37
The South (Districts E and F)	41	9,502	172.7	53.5	10.3	2.29	2.93	3.75	1.46	.82	38.68	22.95
The West (District G)	22	3,859	164.6	73.9	15.5	2.54	3.43	4.36	1.82	.93	60.34	38.76
By districts and States												
District A---Mo., N. H., Vt., and Mass.	2/27	4,159	177.5	59.9	8.6	2.84	3.52	3.83	.99	.31	65.80	48.81
District B, total	29	2,584	167.4	58.8	9.9	3.91	4.60	5.04	1.13	.44	56.60	28.07
New York	23	1,502	168.0	55.5	9.5	4.68	5.33	5.84	1.16	.51	72.83	47.12
Pennsylvania	6	1,082	166.5	63.3	10.4	2.84	3.58	3.93	1.09	.35	33.86	1.62
District C, total	31	3,213	170.4	59.4	9.3	2.92	3.61	4.51	1.59	.90	43.52	25.26
Michigan and Ohio	3/10	936	166.5	54.4	6.5	2.59	3.20	3.89	1.30	.69	53.40	25.31
Wisconsin and Missouri	4/21	2,277	172.1	61.4	10.4	3.06	3.78	4.76	1.70	.98	39.59	25.24
District D---Minnesota	7	984	145.1	64.8	10.8	1.72	2.48	3.39	1.67	.91	42.57	19.64
District E, total	18	3,698	180.6	54.2	12.8	2.22	2.89	3.98	1.76	1.09	37.64	22.54
Maryland and Virginia	5/8	1,874	174.3	54.4	10.6	2.61	3.26	4.48	1.87	1.22	44.03	17.25
North Carolina	4	1,077	177.3	61.2	15.7	1.52	2.29	3.10	1.58	.81	39.83	21.74
Tennessee	6	747	201.1	44.8	14.1	2.28	2.87	4.03	1.75	1.16	20.93	36.95
District F, total	23	5,804	167.6	53.1	8.5	2.34	2.96	3.60	1.26	.64	39.40	23.22
South Carolina, Georgia, and Florida	6/8	2,410	170.3	51.2	8.0	2.43	3.02	3.62	1.19	.60	44.53	33.01
Alabama, Mississippi, and Louisiana	7/12	2,565	165.3	53.4	8.2	2.43	3.04	3.79	1.36	.75	34.43	11.03
Arkansas and Texas	8/3	829	166.9	57.4	11.0	1.80	2.48	2.96	1.16	.48	39.40	32.45
District G, total	22	3,859	164.6	73.9	15.5	2.54	3.43	4.36	1.82	.93	60.34	38.76
Washington	15	2,925	164.4	77.7	17.8	2.72	3.68	4.65	1.93	.97	61.52	34.39
Oregon	7	934	165.2	62.0	8.3	1.95	2.66	3.43	1.48	.77	56.65	52.42
By size of plant												
1 to 20 wage earners	11	111	149.6	58.0	14.0	2.70	3.42	4.18	1.48	.76	83.96	*214.61
21 to 100	62	3,848	165.2	56.3	8.1	3.10	3.74	4.30	1.20	.56	63.13	49.20
101 to 500	80	18,160	170.6	60.2	10.8	2.68	3.39	4.17	1.49	.78	48.26	24.65
501 to 2,500	4	2,182	177.7	59.4	13.3	1.80	2.53	3.08	1.28	.55	35.49	37.96
The North by size of city												
Under 10,000 inhabitants	67	7,609	168.1	57.8	9.8	2.90	3.58	4.16	1.26	.58	54.95	34.62
10,000 to 24,999	18	2,202	177.5	62.4	6.7	2.96	3.65	4.17	1.21	.52	65.47	47.03
25,000 and over	2/9	1,129	169.1	68.2	11.1	4.03	4.82	5.30	1.27	.48	37.07	7.99

ESTABLISHMENTS IN 171 INDUSTRIES: 1939---Continued

District, State, and class	Estab- lish- ments	Wage earners (average for year)	Hours per month	Per wage-earner man-hour								Horse- power per W. E.
				Wage earnings cents	Salary costs, cents	Cost mate- rials	Prime cost	Value prod- ucts	Value added	V. P. minus P. C.	Electric energy used, KWH	

PULP MILLS---Continued

<u>The South by size of city</u>												
Under 10,000 inhabitants	22	5,260	169.0	55.2	10.6	\$2.12	\$2.77	\$3.50	\$1.38	\$.73	44.16	*18.35
10,000 to 24,999	8	1,859	176.6	52.6	9.9	2.71	3.34	4.52	1.81	1.18	34.41	20.12
25,000 to 499,999	10/11	2,383	177.7	50.6	9.8	2.33	2.94	3.69	1.36	.75	30.49	35.33
<u>The West by size of city</u>												
Under 10,000 inhabitants	10	1,473	169.9	68.7	12.6	2.57	3.38	4.04	1.47	.66	69.99	61.78
10,000 to 24,999	7	1,351	152.4	79.9	20.3	2.70	3.70	5.15	2.45	1.45	68.98	29.40
25,000 to 499,999	11/5	1,035	173.0	74.1	14.0	2.30	3.18	3.88	1.58	.70	36.91	18.20

1/ Biennial-census totals for the industry: Establishments, 194; wage earners, 26,870; wages, \$33,087,514.
 * The horsepower data used in these tabulations for the paper and pulp industries are those originally reported by the manufacturer for each industry, even though occasionally a manufacturer reported for one of the industries at a specified location the total horsepower data for both industries of the company at that location.
 2/ Mo., 19 estab.; N. H., 3; Vt., 3; Mass., 2. 3/ Mich., 8 estab.; Ohio, 2.
 4/ Wis., 20 estab.; Mo., 1. 5/ Md., 1 estab.; Va., 7. 6/ S. C., 3 estab.; Ga., 2; Fla., 3.
 7/ Ala., 3 estab.; Miss., 2; La., 7. 8/ Ark., 2 estab.; Tex., 1. # Verified; as reported, and apparently correct.
 9/ 25,000-99,999 group, 7 estab.; 100,000-499,999 group, 1; "500,000 and over" group, 1.
 10/ 25,000-99,999 group, 7 estab.; 100,000-499,999 group, 4. 11/ 25,000-99,999 group, 3 estab.; 100,000-499,999 group, 2.

RAYON AND ALLIED PRODUCTS												
Total for man-hour tabulations	1/30	1/48,332	158.5	65.3	13.4	.86	1.64	2.69	1.83	1.05	13.47	8.74
The North (First 3 groups of States below)	15	13,165	157.6	66.9	12.9	.75	1.55	2.28	1.53	.73	12.77	9.99
The South (4th, 5th, and 6th groups)	15	35,167	158.9	64.7	13.5	.89	1.67	2.84	1.95	1.17	13.74	8.27
<u>By districts and States</u>												
Massachusetts, Rhode Island, and Connecticut	2/4	1,466	161.4	54.5	12.5	.68	1.35	1.68	1.00	.33	9.18	7.64
New York, New Jersey, and Pennsylvania	3/6	9,607	154.2	69.3	12.0	.74	1.56	2.18	1.44	.62	13.33	10.48
Ohio, Illinois, and Wisconsin	4/5	2,092	170.9	65.2	17.0	.83	1.65	3.07	2.24	1.42	12.82	9.35
Del., Md., W. Va., N. C., and Ga.	5/6	15,191	154.2	64.3	12.4	.68	1.45	2.52	1.84	1.07	11.95	7.38
Virginia	5	10,786	163.5	64.7	12.9	.89	1.67	2.82	1.93	1.15	15.20	10.09
Tennessee	4	9,190	161.0	65.4	16.1	1.21	2.03	3.36	2.15	1.33	14.83	7.63
<u>By size of plant</u>												
21 to 500 wage earners	6/7	1,320	164.2	58.0	20.9	.98	1.77	2.45	1.47	.68	12.75	9.60
501 to 2,500	16	20,139	163.8	63.3	15.6	1.03	1.82	2.83	1.80	1.01	11.60	8.48
2,501 and over	7	26,873	154.3	67.3	11.2	.71	1.49	2.59	1.88	1.10	15.01	8.89
<u>The North by size of city</u>												
Under 25,000 inhabitants	7/8	10,581	153.6	67.3	11.8	.73	1.52	2.12	1.39	.60	13.10	10.24
25,000 to 499,999	8/4	1,275	178.6	62.1	14.3	.80	1.57	2.24	1.44	.67	16.08	13.31
500,000 and over	3	1,309	169.7	68.8	20.2	.84	1.73	3.42	2.58	1.69	6.93	4.71
<u>The South by size of city</u>												
Under 10,000 inhabitants	7	10,639	162.1	65.5	15.8	1.00	1.81	3.32	2.32	1.51	17.69	10.31
10,000 to 499,999	9/8	24,528	157.5	64.3	12.5	.84	1.61	2.62	1.78	1.01	11.97	7.39

1/ All establishments in the industry as covered by the biennial-census.
 2/ Mass., 2 estab.; R. I., 1; Conn., 1.
 3/ N. Y., 2 estab.; N. J., 1; Pa., 3. 4/ Ohio, 2 estab.; Ill., 2; Wis., 1.
 5/ Del., 1 estab.; Md., 1; W. Va., 2; N. C., 1; Ga., 1. 6/ 21-100 group, 2 estab.; 101-500 group, 5.
 7/ "Under 10,000" group, 2 estab.; 10,000-24,999 group, 6. 8/ 25,000-99,999 group, 2 estab.; 100,000-499,999 group, 2.
 9/ 10,000-24,999 group 2 estab.; 25,000-99,999 group, 3; 100,000-499,999 group, 1.

DRUGS AND MEDICINES (INCLUDING DRUG GRINDING)												
Total for man-hour tabulations	1/525	1/19,075	170.7	52.3	40.5	2.47	3.40	7.92	5.45	4.52	1.51	2.72
The North (Districts A, B, C, and D)	407	17,071	170.7	53.4	39.4	2.46	3.39	7.98	5.52	4.59	1.57	2.78
The South (Districts E and F)	88	1,645	167.6	41.6	49.8	2.46	3.38	7.93	5.47	4.55	.95	2.08
The West (District G)	30	359	181.2	50.4	49.7	3.14	4.15	5.34	2.20	1.19	1.11	2.62
<u>By districts and States</u>												
District A, total	28	1,191	167.3	50.2	37.4	3.90	4.78	7.46	3.56	2.68	1.17	2.89
Maine, New Hampshire, and Vermont	2/3	24	156.7	46.2	62.1	.89	1.97	3.46	2.57	1.49	.26	1.46
Massachusetts	18	666	166.1	52.2	43.4	4.65	5.61	8.77	4.12	3.16	1.47	3.41
Rhode Island and Connecticut	3/7	501	169.4	47.9	28.5	3.05	3.81	5.93	2.88	2.12	.83	2.28
District B, total	188	7,450	176.1	49.8	39.7	2.33	3.22	6.84	4.51	3.62	1.68	2.45
New York	109	3,884	179.3	49.5	38.0	2.13	3.01	6.15	4.02	3.14	.79	2.06
New Jersey	38	1,841	171.1	55.0	43.3	2.61	3.59	9.02	6.41	5.43	1.73	3.50
Pennsylvania	41	1,725	174.4	45.0	39.8	2.48	3.33	6.15	3.67	2.82	3.70	2.23
District C, total	109	6,212	164.3	59.9	39.1	2.39	3.38	9.77	7.38	6.39	1.75	3.18
Michigan	14	2,319	172.4	62.4	42.7	2.10	3.15	10.13	8.03	6.98	1.63	2.46
Ohio	30	544	144.7	49.3	69.5	2.56	3.75	6.86	4.30	3.11	.77	2.75
Indiana	20	1,776	157.4	70.1	27.8	2.41	3.39	10.80	8.39	7.41	2.60	4.40
Illinois	39	1,506	166.5	49.0	36.1	2.78	3.63	9.17	6.39	5.54	1.36	3.14
Wisconsin	6	67	180.1	38.0	48.3	2.36	3.22	5.36	3.00	2.14	.65	.51
District D, total	82	2,218	172.4	49.7	40.3	2.35	3.25	7.36	5.01	4.11	.93	2.68
Minnesota	13	297	181.2	47.2	46.7	3.01	3.95	7.71	4.70	3.76	.98	3.55
Iowa	14	290	173.2	47.3	37.9	2.32	3.17	6.23	3.91	3.06	.87	3.80
Missouri	35	1,344	168.6	51.4	39.7	2.15	3.06	7.71	5.56	4.65	.99	2.46
South Dakota and Nebraska	4/11	213	178.5	47.4	40.4	2.67	3.55	6.92	4.25	3.37	.51	1.48
Kansas	9	74	184.7	48.1	35.4	2.23	3.06	5.42	3.19	2.36	1.07	2.24

TABLE 3.--AVERAGES PER MAN-HOUR, BY DISTRICTS AND STATES AND BY SIZE CLASSES, FOR SELECTED

ESTABLISHMENTS IN 171 INDUSTRIES: 1939--Continued

District, State, and class	Estab- lish- ments	Wage earner (average for year)	Hours per month	Per wage-earner man-hour								Horse- power per W. E.
				Wage earnings cents	Salary costs, cents	Cost mate- rials	Prime cost	Value prod- ucts	Value added	V. P. minus P. C.	Electric energy used, kWh	
DRUGS AND MEDICINES (INCLUDING DRUG GRINDING)---Continued												
District E, total	57	1,337	167.0	43.1	49.9	\$2.48	\$3.41	\$8.17	\$5.69	\$4.76	.97	2.02
Delaware, Maryland, and District of Columbia	5/24	414	168.9	43.0	74.6	3.13	4.31	11.15	8.02	6.84	1.07	2.71
West Virginia and Virginia	5/9	100	164.7	34.9	80.6	2.16	3.31	8.64	6.48	5.33	.44	1.74
North Carolina	8	239	172.4	49.4	49.5	2.24	3.22	7.59	5.35	4.37	1.50	1.70
Kentucky and Tennessee	7/16	584	163.9	41.8	26.7	2.16	2.85	6.15	3.99	3.30	.76	1.72
District F, total	31	308	169.9	35.3	49.6	2.39	3.24	6.91	4.52	3.67	.84	2.33
Georgia, Florida, Mississippi, Louisiana, Arkansas	8/19	159	166.2	30.2	56.9	2.88	3.75	8.81	5.93	5.06	1.15	2.92
Oklahoma and Texas	9/12	149	174.0	40.5	42.1	1.89	2.72	4.96	3.07	2.24	.53	1.70
District G---Colo., Wash., Oreg., and Calif.	10/30	359	181.2	50.4	49.7	3.14	4.15	5.34	2.20	1.19	1.11	2.62
By size of plant												
1 to 20 wage earners	361	2,668	167.3	46.1	66.5	2.51	3.64	7.16	4.65	3.52	.70	2.09
21 to 100	132	6,322	177.9	45.9	46.6	2.30	3.22	6.99	4.69	3.77	.91	2.41
101 to 500	27	5,937	167.8	54.2	29.5	2.72	3.55	8.19	5.47	4.64	1.44	3.05
501 to 2,500	5	4,148	165.9	64.0	29.5	2.39	3.33	9.55	7.16	6.22	3.13	3.11
The North by size of city												
Under 10,000 inhabitants	53	2,583	167.9	49.2	35.4	2.09	2.94	6.83	4.74	3.89	.93	2.21
10,000 to 24,999	31	1,800	167.4	49.3	31.1	2.90	3.70	6.91	4.01	3.21	1.15	3.46
25,000 to 99,999	52	2,455	167.4	56.2	46.1	2.44	3.46	8.94	6.50	5.48	1.54	3.09
100,000 to 499,999	84	2,538	162.8	62.3	38.6	2.65	3.66	10.30	7.65	6.64	2.13	3.84
500,000 and over	187	7,685	176.2	52.0	40.8	2.43	3.36	7.58	5.15	4.22	1.71	2.36
The South by size of city												
Under 10,000 inhabitants	5	40	174.0	37.7	31.6	2.06	2.75	5.44	3.38	2.69	.40	4.85
10,000 to 24,999	5	74	174.7	43.4	32.7	2.18	2.94	8.17	5.99	5.23	.34	.64
25,000 to 99,999	16	289	168.0	45.2	53.7	2.15	3.14	6.86	4.71	3.72	1.35	1.81
100,000 to 499,999	40	837	165.8	39.5	39.1	2.27	3.06	6.78	4.51	3.72	.83	1.85
500,000 and over	22	405	169.0	43.3	73.8	3.16	4.33	11.22	8.06	6.89	1.07	2.74
The West by size of city												
10,000 to 499,999 inhabitants	11/12	141	187.7	43.6	77.8	4.81	6.02	6.82	2.01	.80	1.94	3.33
500,000 and over	18	218	177.1	55.2	30.4	1.99	2.85	4.32	2.33	1.47	.54	2.17
1/ Biennial-census totals for the industry: Establishments, 1,094; wage earners, 22,386; wages, \$23,897,990.												
2/ Me., 1 estab.; N. H., 1; Vt., 1. 3/ R. I., 2 estab.; Conn., 5. 4/ S. Dak., 1 estab.; Nebr., 10.												
5/ Del., 1 estab.; Md., 19; D. C., 4. 6/ W. Va., 3 estab.; Va., 6. 7/ Ky., 5 estab.; Tenn., 11.												
8/ Ga., 8 estab.; Fla., 3; Miss., 1; La., 5; Ark., 2. 9/ Okla., 1 estab.; Tex., 11.												
10/ Colo., 2 estab.; Wash., 4; Oreg., 1; Calif., 23.												
11/ 10,000-24,999 group, 1 estab.; 25,000-99,999 group, 1; 100,000-499,999 group, 10.												

INSECTICIDES, FUNGICIDES, AND RELATED INDUSTRIAL AND HOUSEHOLD CHEMICAL COMPOUNDS

Total for man-hour tabulations	1/219	1/2,590	169.5	51.9	53.6	4.36	5.42	9.61	5.25	4.19	1.94	6.43
The North (Districts A, B, C, and D)	150	1,928	170.1	54.9	57.1	4.57	5.69	10.38	5.81	4.69	1.99	5.89
The South (Districts E and F)	42	439	170.0	34.6	34.9	3.01	3.70	5.77	2.76	2.07	1.22	6.83
The West (District G)	27	223	162.8	60.9	61.2	5.24	6.46	10.50	5.26	4.04	2.96	10.39
By districts and States												
District A---Me., N. H., Vt., Mass., R. I., and Conn.	2/21	150	159.0	48.0	78.2	3.01	4.27	6.51	3.50	2.24	.89	2.81
District B, total	62	884	170.5	57.0	45.5	5.03	6.05	10.55	5.52	4.50	2.19	7.02
New York	25	354	170.9	56.8	49.5	4.07	5.14	11.68	7.61	6.54	2.62	8.58
New Jersey	22	411	167.9	60.4	42.2	6.41	7.44	11.19	4.78	3.75	2.09	6.28
Pennsylvania	15	119	178.2	46.7	44.8	3.23	4.14	5.23	2.00	1.09	1.28	4.95
District C, total	50	728	173.2	53.3	58.5	4.29	5.41	10.87	6.58	5.46	1.67	4.44
Michigan	7	253	178.5	54.8	25.4	2.76	3.56	9.20	6.44	5.64	2.21	2.72
Ohio	9	59	164.7	54.0	82.6	4.98	6.35	12.81	7.83	6.46	.91	6.83
Illinois and Wisconsin	3/34	416	171.2	52.2	76.2	5.17	6.46	11.67	6.50	5.21	1.42	5.14
District D, total	17	166	165.0	56.6	95.4	4.66	6.18	10.57	5.91	4.39	3.34	8.99
Minnesota, South Dakota, and Iowa	4/8	89	162.6	55.2	56.0	4.78	5.89	8.63	3.85	2.74	2.72	9.89
Missouri	9	77	167.9	58.3	140.0	4.52	6.50	12.77	8.25	6.27	4.05	7.96
District E, total	20	261	181.5	34.5	25.8	2.91	3.51	6.00	3.09	2.49	.99	7.32
Maryland, West Virginia, Virginia, North Carolina	5/11	91	177.2	45.5	43.3	4.58	5.47	8.82	4.24	3.35	1.82	14.58
Kentucky and Tennessee	6/9	170	183.8	28.8	16.8	2.05	2.50	4.55	2.50	2.05	.57	3.43
District F---Ga., Fla., Ala., La., Ark., Tex.	7/22	178	153.1	34.7	50.5	3.18	4.03	5.37	2.19	1.34	1.61	6.11
District G---Colo., Ariz., Wash., Oreg., Calif.	8/27	223	162.8	60.9	61.2	5.24	6.46	10.50	5.26	4.04	2.96	10.39
By size of plant												
1 to 20 wage earners	187	1,048	169.8	47.2	64.3	4.06	5.18	8.95	4.89	3.77	1.31	6.20
21 to 100	29	1,120	168.2	49.3	47.3	4.05	5.02	8.76	4.71	3.74	2.35	6.82
101 to 500	3	422	172.1	70.4	43.8	5.88	7.02	13.42	7.54	6.40	2.40	5.97
The North by size of city												
Under 10,000 inhabitants	23	233	173.2	48.5	59.9	3.02	4.11	9.05	6.03	4.94	2.66	6.09
10,000 to 24,999	5	201	158.1	82.7	85.7	10.17	11.86	19.46	9.29	7.60	3.28	8.08
25,000 to 99,999	23	290	168.1	41.9	35.6	2.62	3.40	5.80	3.18	2.40	.72	2.42
100,000 to 499,999	25	252	163.5	52.3	58.2	5.06	6.17	9.36	4.30	3.19	1.99	7.47
500,000 and over	74	952	174.3	55.6	56.9	4.32	5.45	10.57	6.25	5.12	1.95	6.01

ESTABLISHMENTS IN 171 INDUSTRIES: 1939—Continued

District, State, and class	Estab- lish- ments	Wage earners (average for year)	Hours per month	Per wage-earner man-hour								Horse- power per W. E.
				Wage earnings cents	Salary costs, cents	Cost mate- rials	Prime cost	Value prod- ucts	Value added	V. P. minus P. C.	Electric energy used, KWH	
INSECTICIDES, FUNGICIDES, AND RELATED INDUSTRIAL AND HOUSEHOLD CHEMICAL COMPOUNDS---Continued												
<u>The South by size of city</u>												
Under 10,000 inhabitants	8	80	121.7	35.8	35.2	\$2.21	\$2.92	\$3.73	\$1.52	\$.81	.59	5.03
10,000 to 99,999	9/9	79	188.0	31.3	31.3	2.21	2.84	3.42	1.21	.58	2.18	4.65
100,000 to 499,999	21	222	178.1	30.0	35.2	2.73	3.38	6.00	3.27	2.62	.66	4.53
500,000 and over	4	58	180.9	55.0	38.3	5.92	6.86	10.11	4.19	3.25	2.55	21.08
<u>The West by size of city</u>												
Under 25,000 inhabitants	10/8	100	169.7	63.1	58.0	6.64	7.85	12.68	6.04	4.83	3.99	14.08
25,000 to 499,999	11/9	74	147.3	54.6	42.8	3.73	4.71	6.72	2.99	2.01	1.86	7.68
500,000 and over	10	49	172.5	65.0	92.0	4.40	5.97	11.09	6.69	5.12	2.31	6.94
1/ Biennial-census totals for the industry: Establishments, 774; wage earners, 5,017; wages, \$5,393,213.												
2/ Me., 2 estab.; N. H., 1; Vt., 1; Mass., 10; R. I., 1; Conn., 6.												
3/ Ill., 31 estab.; Wis., 3.												
4/ Minn., 5 estab.; S. Dak., 1; Iowa, 2.												
5/ Md., 5 estab.; W. Va., 1; Va., 2; N. C., 3.												
6/ Ky., 2 estab.; Tenn., 7.												
7/ Ga., 5 estab.; Fla., 5; Ala., 2; La., 3; Ark., 1; Tex., 6.												
8/ Colo., 2 estab.; Ariz., 1; Wash., 3; Oreg., 2; Calif., 19.												
9/ 10,000-24,999 group, 4 estab.; 25,000-99,999 group, 5.												
10/ "Under 10,000" group, 2 estab.; 10,000-24,999 group, 6.												
11/ 25,000-99,999 group, 3 estab.; 100,000-499,999 group, 6.												
PERFUMES, COSMETICS, AND OTHER TOILET PREPARATIONS												
Total for man-hour tabulations	1/216	1/8,544	166.5	46.2	34.0	2.91	3.71	7.44	4.53	3.73	.46	1.36
The North (Districts A, B, C, and D)	171	7,868	165.5	46.9	32.0	2.91	3.70	7.55	4.64	3.85	.45	1.36
The South (District E)	28	364	171.8	31.8	53.7	2.62	3.48	5.49	2.87	2.01	.30	.76
The West (District F)	17	312	183.5	45.9	56.4	3.13	4.15	7.09	3.96	2.94	.91	2.15
<u>By districts and States</u>												
District A---Mass., R. I., and Conn.	2/11	368	188.1	42.9	24.5	2.22	2.89	6.86	4.64	3.97	.38	1.67
District B, total	94	5,256	165.6	46.2	28.1	2.78	3.52	7.24	4.46	3.72	.42	1.03
New York	71	3,695	165.4	44.4	28.9	2.39	3.12	5.80	3.41	2.68	.33	.86
New Jersey	17	1,459	165.9	50.7	25.7	3.76	4.52	11.02	7.26	6.50	.66	1.45
Pennsylvania	6	102	167.4	44.6	35.5	2.90	3.70	5.12	2.22	1.42	.29	1.01
District C, total	38	1,568	165.3	52.0	45.2	3.85	4.82	9.62	5.77	4.80	.53	2.34
Michigan, Ohio, and Indiana	3/15	782	167.5	55.6	45.0	3.94	4.95	9.77	5.83	4.82	.31	2.30
Illinois and Wisconsin	4/23	786	163.1	48.4	45.4	3.75	4.68	9.46	5.71	4.78	.76	2.38
District D, total	28	676	153.3	43.2	37.1	2.15	2.95	5.50	3.35	2.55	.52	1.50
Minnesota, Iowa, and Nebraska	5/11	271	172.3	46.8	54.8	2.60	3.62	5.36	2.76	1.74	.72	2.59
Missouri	17	405	140.7	40.2	22.7	1.77	2.40	5.61	3.84	3.21	.36	.78
District E, total	28	364	171.8	31.8	53.7	2.62	3.48	5.49	2.87	2.01	.30	.76
Maryland, Virginia, Kentucky, and Tennessee	6/9	149	187.8	29.2	67.2	2.05	3.01	6.00	3.95	2.99	.27	.98
Georgia, Florida, Alabama, Louisiana, and Arkansas	7/14	133	160.0	35.5	41.7	2.07	2.84	4.12	2.05	1.28	.33	.65
Oklahoma and Texas	8/5	82	161.9	31.4	44.6	4.69	5.45	6.59	1.90	1.14	.32	.54
District F---Utah, Washington, and California	9/17	312	183.5	45.9	56.4	3.13	4.15	7.09	3.96	2.94	.91	2.15
<u>By size of plant</u>												
1 to 20 wage earners	137	893	165.0	42.4	53.7	2.71	3.67	6.11	3.40	2.44	.41	1.52
21 to 100	55	2,469	170.6	44.6	52.4	2.90	3.87	7.47	4.57	3.60	.65	1.92
101 to 2,500	10/24	5,182	164.7	47.7	21.5	2.94	3.63	7.66	4.72	4.03	.38	1.07
<u>The North by size of city</u>												
Under 25,000 inhabitants	11/10	1,080	167.5	52.0	21.2	3.38	4.11	11.44	8.06	7.33	.63	1.62
25,000 to 99,999	12	766	170.6	43.4	25.0	2.76	3.44	8.35	5.59	4.91	.32	1.03
100,000 to 499,999	40	2,069	171.3	49.1	31.4	3.13	3.94	7.65	4.52	3.71	.38	1.63
500,000 and over	109	3,953	161.0	45.0	36.9	2.69	3.50	6.23	3.54	2.73	.46	1.21
<u>The South by size of city</u>												
Under 100,000 inhabitants	12/6	61	190.5	32.0	70.9	2.76	3.79	8.76	6.00	4.97	.43	2.33
100,000 and over	13/22	303	168.0	31.7	49.7	2.59	3.40	4.74	2.15	1.34	.27	.44
1/ Biennial-census totals for the industry: Establishments, 539; wage earners, 10,363; wages, \$9,643,540.												
2/ Mass., 5 estab.; R. I., 1; Conn., 5.												
3/ Mich., 2 estab.; Ohio, 8; Ind., 5;												
4/ Ill., 21 estab.; Wis., 2.												
5/ Minn., 7 estab.; Iowa, 3; Nebr., 1.												
6/ Md., 1 estab.; Va., 2; Ky., 1; Tenn., 5.												
7/ Ga., 7 estab.; Fla., 1; Ala., 2; La., 3; Ark., 1.												
8/ Okla., 1 estab.; Tex., 4.												
9/ Utah, 1 estab.; Wash., 1; Calif., 15.												
10/ 101-500 group, 23 estab.; 501-2,500 group, 1.												
11/ "Under 10,000" group, 9 estab.; 10,000-24,999 group, 1.												
12/ "Under 10,000" group, 2 estab.; 25,000-99,999 group, 4.												
13/ 100,000-499,999 group, 21 estab.; "500,000 and over" group, 1.												

SOAP AND GLYCERIN

Total for man-hour tabulations	1/153	1/13,303	164.9	70.1	31.3	6.00	7.01	11.30	5.30	4.29	4.32	6.58
The North (Districts A, B, C, and D)	120	11,960	164.3	70.1	31.3	5.92	6.94	11.25	5.33	4.31	4.28	6.16
The South (District E)	9	478	174.7	58.8	30.7	6.66	7.56	11.35	4.69	3.79	6.41	13.10
The West (District F)	24	865	167.9	75.7	31.4	6.61	7.68	11.88	5.27	4.20	3.61	8.71
<u>By districts and States</u>												
District A—Mass., R. I., and Conn.	2/17	1,606	155.2	74.1	46.6	5.54	6.75	13.54	8.00	6.79	5.25	4.37
District B, total	48	4,623	164.2	68.5	26.3	5.15	6.09	10.04	4.89	3.95	2.99	4.68
New York and New Jersey	2/34	3,929	164.0	70.3	25.7	5.26	6.22	10.09	4.83	3.87	3.38	4.90
Pennsylvania	14	694	165.6	58.6	29.6	4.52	5.40	9.75	5.23	4.35	.80	3.45
District C, total	41	4,399	166.3	72.1	31.6	6.46	7.50	11.53	5.07	4.03	5.19	8.25
Michigan, Ohio, and Indiana	4/20	2,919	165.3	73.9	30.3	6.76	7.80	13.11	6.35	5.31	5.74	9.77
Illinois and Wisconsin	5/21	1,480	168.3	68.7	34.2	5.89	6.92	8.46	2.57	1.54	4.14	5.24

TABLE 3.—AVERAGES PER MAN-HOUR, BY DISTRICTS AND STATES AND BY SIZE CLASSES, FOR SELECTED

ESTABLISHMENTS IN 171 INDUSTRIES: 1939—Continued

District, State, and class	Estab-lish-ments	Wage earners (average for year)	Hours per month	Per wage-earner man-hour							V. P. minus P. C.	Electric energy used, KWH	Horse-power per W. E.
				Wage earnings cents	Salary costs, cents	Cost mate-rials	Prime cost	Value prod-ucts	Value added				
SOAP AND GLYCERIN---Continued													
District D---Minn., Iowa, Mo., Nebr., Kans.	6/14	1,332	169.1	64.9	30.0	\$7.24	\$8.19	\$11.93	\$4.69	\$3.74	4.62	6.59	
District E---Md., Tenn., Ga., Ala., and Tex.	7/9	478	174.7	58.8	30.7	6.66	7.56	11.35	4.69	3.79	6.41	13.10	
District F---Colo., Wash., Oreg., Nev., Calif.	8/24	865	167.9	75.7	31.4	6.61	7.68	11.88	5.27	4.20	3.61	8.71	
By size of plant													
1 to 20 wage earners	100	745	176.6	51.8	56.0	4.68	5.76	8.45	3.77	2.69	1.36	7.46	
21 to 100	20	684	170.3	58.6	45.1	4.56	5.60	8.33	3.77	2.73	1.80	6.66	
101 to 500	26	5,517	169.1	65.8	24.6	6.11	7.02	10.21	4.10	3.19	4.21	8.11	
501 to 2,500	7	6,357	159.3	77.7	32.6	6.24	7.34	13.02	6.78	5.68	5.09	5.14	
The North by size of city													
Under 10,000 inhabitants	7	1,479	169.8	80.5	30.7	6.36	7.48	9.09	2.73	1.61	4.78	8.57	
10,000 to 24,999	6	836	169.0	53.1	18.1	4.86	5.57	11.85	6.99	6.28	2.24	2.85	
25,000 to 99,999	18	1,384	161.1	69.2	35.9	6.70	7.75	14.92	8.22	7.17	7.02	12.49	
100,000 to 499,999	30	4,589	160.0	72.0	30.1	5.56	6.58	12.09	6.53	5.51	3.74	3.72	
500,000 and over	59	3,672	167.7	67.9	34.3	6.15	7.17	9.67	3.52	2.50	4.22	6.61	
The West by size of city													
10,000 to 499,999 inhabitants	9/12	538	167.5	79.2	33.3	6.84	7.96	12.10	5.26	4.14	4.35	9.17	
500,000 and over	12	327	168.5	69.9	28.3	6.23	7.22	11.53	5.30	4.31	2.40	7.96	
1/ Biennial-census totals for the industry: Establishments, 264; wage earners, 13,624; wages, \$18,800,527.													
2/ Mass., 12 estab.; R. I., 3; Conn., 2. 3/ N. Y., 22 estab.; N. J., 12. 4/ Mich., 3 estab.; Ohio, 13; Ind., 4.													
5/ Ill., 16 estab.; Wis., 5. 6/ Minn., 5 estab.; Iowa, 1; Mo., 5; Nebr., 1; Kans., 2.													
7/ Md., 2 estab.; Tenn., 1; Ga., 2; Ala., 1; Tex., 3. 8/ Colo., 2 estab.; Wash., 3; Oreg., 2; Nev., 1; Calif., 16.													
9/ 10,000-24,999 group, 1 estab.; 25,000-99,999 group, 1; 100,000-499,999 group, 10.													
CLEANING AND POLISHING PREPARATIONS; BLACKINGS AND DRESSINGS													
Total for man-hour tabulations	1/256	1,407	167.3	54.7	47.4	3.50	4.52	7.96	4.46	3.44	1.42	3.82	
The North (Districts A, B, C, and D)	212	3,789	167.4	55.9	47.8	3.56	4.59	8.12	4.56	3.53	1.47	3.87	
The South (District E)	24	189	163.7	35.1	40.9	2.62	3.38	5.66	3.04	2.28	.55	2.42	
The West (District F)	20	97	172.6	46.2	43.9	3.02	3.92	6.16	3.14	2.24	.96	4.85	
By districts and States													
District A, total	45	592	166.5	63.1	55.2	2.37	3.55	5.23	2.86	1.68	2.34	3.54	
New Hampshire and Massachusetts	2/40	398	166.4	65.1	58.7	2.45	3.69	5.71	3.26	2.02	.80	3.06	
Rhode Island and Connecticut	3/5	194	166.6	59.0	48.0	2.22	3.29	4.27	2.05	.98	5.48	4.53	
District B, total	71	1,787	167.0	55.9	39.9	3.36	4.32	7.82	4.46	3.50	1.48	4.31	
New York	44	890	162.0	58.5	39.8	3.86	4.84	10.21	6.35	5.37	1.72	3.70	
New Jersey	14	794	174.2	53.9	37.0	2.83	3.74	5.40	2.57	1.66	1.31	5.42	
Pennsylvania	13	103	154.3	50.3	66.6	3.52	4.69	7.29	3.77	2.60	.67	1.02	
District C, total	71	1,240	166.8	53.9	52.3	4.42	5.48	9.81	5.39	4.33	1.18	3.59	
Michigan	9	197	151.7	70.1	47.5	6.25	7.43	8.99	2.74	1.56	2.98	8.55	
Ohio and Indiana	4/21	404	167.2	57.3	67.5	4.57	5.76	12.69	8.18	6.93	1.21	3.68	
Illinois and Wisconsin	5/41	639	168.1	47.0	44.0	4.73	8.24	4.42	3.51	.61	2.01		
District D---Minnesota, Iowa, and Missouri	6/25	170	173..	45.7	70.5	3.41	4.57	8.90	5.49	4.33	.62	2.37	
District E, total	24	189	163.7	35.1	40.9	2.62	3.38	5.66	3.04	2.28	.55	2.42	
Delaware, Maryland, and North Carolina	7/14	144	164.7	36.2	48.2	3.04	3.89	6.45	3.41	2.56	.56	2.90	
S. C., Ga., Fla., Ala., La., and Tex.	8/10	45	160.5	31.5	16.8	1.25	1.73	3.07	1.82	1.34	.51	.91	
District F---Oregon and California	9/20	97	172.6	46.2	43.9	3.02	3.92	6.16	3.14	2.24	.96	4.85	
By size of plant													
1 to 20 wage earners	226	1,262	164.1	49.8	71.6	3.69	4.90	8.24	4.55	3.34	.78	3.62	
21 to 100	18	652	168.9	49.4	72.1	4.21	5.42	11.70	7.49	6.28	.92	2.56	
101 to 500	12	2,161	168.7	59.1	26.1	3.18	4.03	6.67	3.49	2.64	1.93	4.33	
The North by size of city													
Under 10,000 inhabitants	15	221	171.7	63.2	47.7	3.81	4.92	6.88	3.07	1.96	5.05	7.67	
10,000 to 99,999	10/41	469	162.6	66.3	63.7	4.13	5.43	8.15	4.02	2.72	1.78	6.66	
100,000 to 499,999	37	1,460	171.7	56.0	36.7	3.14	4.07	7.61	4.47	3.54	1.24	3.91	
500,000 and over	119	1,639	164.3	51.8	53.6	3.74	4.79	8.76	5.02	3.97	1.10	2.52	
The South by size of city													
Under 500,000 inhabitants	11/13	77	149.1	34.6	37.9	2.38	3.11	5.74	2.76	2.03	.74	2.69	
500,000 and over	11	112	173.6	35.4	42.6	2.76	3.54	5.96	3.20	2.42	.43	2.24	
1/ Biennial-census totals for the industry: Establishments, 637; wage earners, 5,128; wages, \$5,667,266.													
2/ N. H., 1 estab.; Mass., 39. 3/ R. I., 2 estab.; Conn., 3. 4/ Ohio, 17 estab.; Ind., 4.													
5/ Ill., 1 estab.; Wis., 8. 6/ Minn., 3 estab.; Iowa, 6; Mo., 16. 7/ Del., 1 estab.; Md., 12; N. C., 1.													
8/ S. C., 1 estab.; Ga., 4; Fla., 2; Ala., 1; La., 1; Tex., 1. 9/ Oreg., 1 estab.; Calif., 19.													
10/ 10,000-24,999 group, 13 estab.; 25,000-99,999 group, 28.													
11/ "Under 10,000" group, 2 estab.; 10,000-24,999 group, 1; 25,000-99,999 group, 2; 100,000-499,999 group, 8.													

PETROLEUM REFINING

Total for man-hour tabulations	1/341	1,70,934	160.7	92.0	27.1	13.71	14.90	17.45	3.74	2.55	20.12	20.77	
The North (Districts A, B, C, and D)	110	33,352	158.6	95.8	25.8	12.18	13.39	16.16	3.98	2.77	18.68	17.31	
The South (Districts E, F, and G)	124	27,345	162.8	87.1	27.7	14.76	15.91	17.78	3.02	1.87	22.29	23.22	
The West (District H)	107	10,237	162.3	92.9	29.5	15.81	17.03	20.70	4.89	3.67	18.93	25.48	
By districts and States													
District A—Massachusetts and Rhode Island	2/5	695	151.9	99.4	39.6	18.05	19.44	20.34	2.29	.90	22.06	20.67	

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ESTABLISHMENTS IN 171 INDUSTRIES: 1939--Continued

	LEATHER: TANNED, CURRIED, AND FINISHED--CONTRACT FACTORIES $\frac{1}{2}$											
Total for man-hour tabulations	$\frac{1}{88}$	$\frac{1}{5,087}$	161.2	59.1	12.5	.60	1.32	1.58	.98	.26	2.08	3.81
The North (Districts A, B, and C)	84	4,868	160.9	59.5	12.6	.61	1.34	1.60	.99	.26	2.16	3.91
The South (District D)	4	219	169.1	50.5	10.7	.27	.88	1.08	.81	.20	.32	1.62
<u>By districts and States</u>												
District A, total	42	2,367	158.9	55.9	11.0	.53	1.20	1.41	.88	.21	1.63	3.59
Maine, New Hampshire, and Vermont	2/7	592	167.4	45.1	9.3	.55	1.10	1.36	.81	.26	2.29	5.71
Massachusetts	35	1,775	156.0	59.7	11.7	.53	1.24	1.43	.90	.19	1.39	2.88
District B, total	34	2,250	160.6	64.8	14.4	.72	1.51	1.84	1.12	.33	2.73	4.32
New York	17	685	156.1	70.0	23.5	.62	1.55	1.84	1.22	.29	1.66	5.77
New Jersey and Pennsylvania	3/17	1,565	162.6	62.6	10.6	.76	1.49	1.83	1.07	.34	3.18	3.69
District C, total	8	251	181.7	47.0	10.5	.46	1.03	1.26	.80	.23	1.99	3.17
Wisconsin	3	166	181.9	46.5	9.5	.46	1.02	1.31	.85	.29	1.84	1.63
Michigan, Illinois, Colorado, and California	4/5	85	181.4	48.0	12.5	.45	1.06	1.16	.71	.10	2.30	6.19
District D--Delaware 3-31629	4	219	169.1	50.5	10.7	.27	.88	1.08	.81	.20	.32	1.62

ESTABLISHMENTS IN 171 INDUSTRIES: 1939--Continued

District, State, and class	Estab-lish-ments	Wage earners (average for year)	Hours per month	Per wage-earner man-hour							V. P. minus P. C.	Electric energy used, KWH	Horse-power per W. E.
				Wage earnings cents	Salary costs, cents	Cost mate-rials	Prime cost	Value prod-ucts	Value added				

LEATHER: TANNED, CURRIED, AND FINISHED---CONTRACT FACTORIES ^{1/}---Continued

By size of plant

1 to 20 wage earners	30	322	162.1	50.0	13.2	\$.77	\$1.41	\$1.81	\$1.04	\$.40	1.42	6.58
21 to 100	47	2,445	162.8	57.4	14.3	.50	1.22	1.44	.94	.22	1.33	3.33
101 to 2,500	5/11	2,320	159.4	62.1	10.5	.68	1.40	1.69	1.01	.29	2.97	3.93

The North by size of city

Under 10,000 inhabitants	14	1,772	163.8	57.0	6.3	.65	1.28	1.59	.94	.31	3.28	4.22
10,000 to 24,999	41	1,966	156.7	62.9	17.4	.57	1.37	1.61	1.04	.24	1.44	4.05
25,000 to 99,999	12	631	157.8	59.7	14.7	.51	1.26	1.50	.99	.24	1.86	2.94
100,000 to 499,999 (South above is this city-size)	12	308	168.1	58.9	15.7	.93	1.67	1.98	1.05	.31	.92	3.13
500,000 and over	5	191	175.2	50.5	11.1	.54	1.15	1.29	.75	.14	1.76	3.92

^{1/} The establishments in this industry do not own the materials used in manufacture; the value-of-products item, therefore, represents receipts for work done. Biennial-census totals for the industry: Establishments, 111; wage earners, 5,457; wages, \$6,212,934.
^{2/} Me., 3 estab.; N. H., 3; Vt., 1. ^{3/} N. J., 14 estab.; Pa., 3. ^{4/} Mich., 1 estab.; Ill., 2; Colo., 1; Calif., 1.
^{5/} 101-500 group, 10; 501-2,500 group, 1.

LEATHER: TANNED, CURRIED, AND FINISHED---REGULAR FACTORIES												
Total for man-hour tabulations	1/263	1/39,772	164.1	61.7	11.5	2.60	3.33	3.87	1.27	.54	2.25	4.37
The North (Districts A, B, C, and D)	214	33,036	164.7	63.8	12.1	2.61	3.37	3.92	1.31	.55	2.35	4.48
The South (District E)	34	6,033	161.2	49.1	8.2	2.57	3.14	3.60	1.03	.46	1.65	3.56
The West (District F)	15	703	162.2	65.5	12.7	2.46	3.24	3.92	1.46	.68	2.27	6.07
<u>By districts and States</u>												
District A, total	57	7,729	160.4	68.3	13.5	2.51	3.32	3.84	1.33	.52	2.25	4.14
Maine and New Hampshire	2/6	792	160.4	57.2	16.9	2.97	3.71	4.30	1.33	.59	2.72	4.89
Massachusetts	48	6,761	160.1	70.0	12.8	2.47	3.30	3.81	1.34	.51	2.23	4.08
Connecticut	3	176	172.9	54.4	23.2	1.82	2.60	2.96	1.14	.36	1.15	3.18
District B, total	94	12,716	159.9	63.0	11.0	2.73	3.47	4.08	1.35	.61	2.22	4.71
New York	33	3,853	158.4	66.9	8.5	2.98	3.73	4.40	1.42	.67	3.24	5.80
New Jersey	22	2,144	166.2	67.0	18.9	2.63	3.49	4.07	1.44	.58	1.75	3.65
Pennsylvania	39	6,719	158.8	59.5	9.7	2.62	3.31	3.90	1.28	.59	1.79	4.41
District C, total	59	12,421	172.3	62.2	12.3	2.56	3.31	3.82	1.26	.51	2.55	4.42
Michigan	11	2,349	164.7	57.5	11.1	2.65	3.34	3.87	1.22	.53	2.78	3.40
Ohio	9	1,522	176.4	65.3	10.8	2.96	3.72	4.36	1.40	.64	1.97	3.58
Indiana	5	333	184.0	46.1	11.0	3.07	3.64	4.32	1.25	.68	1.25	4.63
Illinois	18	3,885	175.0	65.7	12.5	2.47	3.25	3.68	1.21	.43	2.47	6.18
Wisconsin and Minnesota	3/16	4,332	171.8	61.6	13.5	2.41	3.16	3.67	1.26	.51	2.81	3.67
District D---Missouri	4	170	158.0	50.0	18.8	2.52	3.21	4.59	2.07	1.38	2.23	7.88
District E, total	34	6,033	161.2	49.1	8.2	2.57	3.14	3.60	1.03	.46	1.65	3.56
West Virginia	6	897	152.9	49.5	7.2	3.57	4.14	4.99	1.42	.85	1.49	4.41
Delaware, Maryland, Virginia, and Kentucky	4/16	3,479	158.2	55.4	7.8	2.16	2.79	3.11	.95	.32	1.46	2.28
North Carolina	8	937	171.0	39.6	8.1	3.54	4.02	4.79	1.25	.77	1.92	6.24
Georgia and Tennessee	5/4	720	173.6	33.5	11.0	2.01	2.45	2.69	.68	.24	2.32	5.18
District F---Washington, Oregon, California	6/15	703	162.2	65.5	12.7	2.46	3.24	3.92	1.46	.68	2.27	6.07
<u>By size of plant</u>												
1 to 20 wage earners	49	482	165.0	56.4	25.1	3.30	4.11	5.01	1.71	.90	1.73	13.60
21 to 100	84	4,607	164.1	55.9	17.6	2.41	3.15	3.71	1.30	.56	1.76	5.47
101 to 500	117	25,921	163.7	61.6	11.8	2.76	3.50	4.07	1.31	.57	2.39	4.38
501 to 2,500	13	8,762	165.5	65.2	7.0	2.19	2.91	3.32	1.13	.41	2.13	3.25
<u>The North by size of city</u>												
Under 10,000 inhabitants	46	7,570	163.1	57.4	9.9	2.89	3.56	4.15	1.26	.59	2.49	4.99
10,000 to 24,999	56	8,997	163.2	67.9	10.3	2.62	3.40	4.02	1.40	.62	2.76	4.33
25,000 to 99,999	40	5,193	162.0	62.3	14.7	2.75	3.52	4.07	1.32	.55	2.45	5.64
100,000 to 499,999	26	3,043	166.4	68.0	13.3	2.89	3.70	4.13	1.24	.43	2.03	4.09
500,000 and over	46	8,233	168.9	64.6	14.0	2.16	2.95	3.45	1.29	.50	1.87	3.59
<u>The South by size of city</u>												
Under 10,000 inhabitants	22	2,837	162.1	44.8	8.2	3.27	3.80	4.52	1.25	.72	2.03	4.98
10,000 to 99,999	7/4	462	174.1	43.1	9.8	2.77	3.30	3.71	.94	.41	1.37	5.16
100,000 and over	8/8	2,734	158.2	54.9	7.8	1.78	2.41	2.59	.81	.18	1.31	1.81
<u>The West by size of city</u>												
Under 25,000 inhabitants	9/7	344	165.9	61.0	16.5	2.13	2.91	3.82	1.69	.91	2.34	6.65
100,000 and over	10/8	359	158.7	70.1	8.9	2.79	3.58	4.03	1.24	.45	2.20	5.52
1/ Biennial-census totals for the industry: Establishments, 335; wage earners, 41,795; wages, \$50,570,248.												
2/ Me., 3 estab.; N. H., 3. 3/ Wis., 15 estab.; Minn., 1. 4/ Del., 6 estab.; Md., 2; Va., 5; Ky., 3.												
5/ Ga., 2 estab.; Tenn., 2. 6/ Wash., 1 estab.; Oreg., 3; Calif., 11.												
7/ 10,000-24,999 group, 2 estab.; 25,000-99,999 group, 2. 8/ 100,000-499,999 group, 7 estab.; "500,000 and over" group, 1.												
9/ "Under 10,000" group, 3 estab.; 10,000-24,999 group, 4. 10/ 100,000-499,999 group, 3 estab.; "500,000 and over" group, 5.												

RUBBER BOOTS AND SHOES (INCLUDING RUBBER-SOLED FOOTWEAR WITH FABRIC UPPERS)

Total for man-hour tabulations	1/13	1/14,861	148.7	63.4	13.1	.78	1.54	1.88	1.10	.34	2.50	4.26
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By districts and States

District A, total	9	10,819	145.4	66.7	13.5	.78	1.58	1.88	1.10	.30	2.56	4.52
Massachusetts	4	5,271	163.1	61.1	15.1	.65	1.41	1.87	1.22	.46	2.86	6.26
Rhode Island, Connecticut, and Maryland	2/5	5,548	128.5	73.4	11.5	.93	1.78	1.90	.97	.12	2.20	2.87

3-31629

ESTABLISHMENTS IN 171 INDUSTRIES: 1939---Continued

District, State, and class	Estab- lish- ments	Wage earners (average for year)	Hours per month	Per wage-earner man-hour								Horse- power per W. E.	
				Wage earnings cents	Salary costs, cents	Cost mate- rials	Prime cost	Value prod- ucts	Value added	V. P. minus P. C.	Electric energy used, kWh		
RUBBER BOOTS AND SHOES (INCLUDING RUBBER-SOLED FOOTWEAR WITH FABRIC UPPERS)---Continued													
District B---Ind., Ill., Wis., and Mo.	2/4	4,042	157.6	55.2	12.2	\$.79	\$1.47	\$1.89	\$1.10	\$.42	2.35	3.56	
<u>By size of plant</u>													
1 to 500 wage earners	4/4	858	169.0	38.7	7.3	.74	1.20	1.30	.56	.10	1.56	5.94	
501 and over	5/9	14,003	147.5	65.1	13.5	.79	1.57	1.93	1.14	.36	2.57	4.16	
<u>By size of city</u>													
Under 25,000 inhabitants	6/5	5,240	126.9	74.7	11.2	.93	1.79	1.91	.98	.12	2.20	2.96	
25,000 to 499,999	7/8	9,621	160.6	58.5	13.9	.72	1.44	1.88	1.16	.44	2.63	4.97	
1/ All establishments in the industry as covered by the biennial census.													
2/ R. I., 1 estab.; Conn., 2; Md., 2. 3/ Ind., 1 estab.; Ill., 1; Wis., 1; Mo., 1.													
4/ 1-20 group, 1 estab.; 101-500 group, 3. 5/ 501-2,500 group, 7 estab.; "2,501 and over" group, 2.													
6/ "Under 10,000" group, 2 estab.; 10,000-24,999 group, 3. 7/ 25,000-99,999 group, 6 estab.; 100,000-499,999 group, 2.													

TIRES AND INNER TUBES													
Total for man-hour tabulations	1/53	1/54,115	148.2	93.3	24.2	3.64	4.81	6.04	2.40	1.23	11.12	9.77	
The North (Districts A and B)	39	46,010	145.5	96.9	25.6	3.49	4.71	5.91	2.42	1.20	10.54	9.28	
The South (District C)	8	4,502	170.9	61.6	12.1	3.97	4.71	5.97	2.00	1.26	13.48	13.79	
The West (District D)	6	3,603	154.6	94.0	23.2	4.93	6.10	7.68	2.75	1.58	14.77	11.00	
By districts and States													
District A, total	8	4,639	156.9	76.5	16.9	3.53	4.47	5.66	2.13	1.19	8.63	9.32	
Massachusetts and Connecticut	2/3	2,544	158.6	74.0	13.3	3.18	4.06	4.49	1.31	.43	7.78	9.30	
Pennsylvania	5	2,095	154.9	79.7	21.4	3.97	4.98	7.12	3.15	2.14	9.68	9.34	
District B, total	31	41,371	144.2	99.4	26.7	3.48	4.74	5.94	2.46	1.20	10.77	9.28	
Michigan	4	6,367	161.5	102.7	20.1	5.30	6.53	8.13	2.83	1.60	11.98	8.46	
Ohio	19	29,921	138.2	102.5	30.7	2.95	4.28	5.40	2.45	1.12	10.79	9.51	
N. Y., N. J., Ind., Ill., Wis., and Minn.	3/8	5,083	157.3	78.7	14.3	3.89	4.82	5.91	2.02	1.09	9.15	8.96	
District C---Md., Mo., Tenn., Miss., and Ala.	4/8	4,502	170.9	61.6	12.1	3.97	4.71	5.97	2.00	1.26	13.48	13.79	
District D---California	6	3,603	154.6	94.0	23.2	4.93	6.10	7.68	2.75	1.58	14.77	11.00	
By size of plant													
1 to 100 wage earners	5/10	489	161.0	54.9	16.2	2.69	3.40	4.02	1.33	.62	6.57	12.38	
101 to 500	14	3,887	164.0	65.2	13.2	3.68	4.46	5.54	1.86	1.08	7.69	8.63	
501 to 2,500	24	27,449	153.0	86.1	19.4	3.92	4.97	6.32	2.40	1.35	11.67	9.91	
2,501 and over	5	22,290	139.3	109.8	33.0	3.26	4.69	5.80	2.54	1.11	11.19	9.74	
The North by size of city													
Under 10,000 inhabitants	5	712	163.8	66.6	16.6	5.16	5.99	7.98	2.82	1.99	11.97	13.47	
10,000 to 24,999	11	6,381	154.8	79.4	15.7	3.38	4.33	5.54	2.16	1.21	8.90	11.11	
25,000 to 99,999	8	6,226	158.0	76.3	17.2	4.24	5.17	6.63	2.39	1.46	8.71	7.24	
100,000 to 499,999	12	27,309	136.6	105.4	31.8	2.85	4.22	5.28	2.43	1.06	11.08	9.52	
500,000 and over	3	5,382	162.3	107.3	21.1	5.24	6.52	7.90	2.66	1.38	11.94	7.70	
1/ All establishments in the industry as covered by the biennial census.													
2/ Mass., 1 estab.; Conn., 2. 3/ N. Y., 1 estab.; N. J., 1; Ind., 2; Ill., 1; Wis., 2; Minn., 1.													
4/ Md., 2 estab.; Mo., 1; Tenn., 1; Miss., 1; Ala., 3. 5/ 1-20 group, 2 estab.; 21-100 group, 8.													

RECLAIMED RUBBER													
Total for man-hour tabulations	1/10	1/1,072	172.5	66.5	17.4	1.35	2.19	3.11	1.76	.92	37.68	30.29	
By districts and States													
New Jersey	4	429	168.6	62.3	25.5	1.24	2.12	2.74	1.50	.62	26.33	32.10	
New York, Pennsylvania, Maryland, Ohio, Illinois	2/6	643	175.1	69.2	12.2	1.42	2.23	3.34	1.92	1.11	44.96	29.08	
By size of plant													
1 to 100 wage earners	3/7	245	159.8	54.7	21.2	1.72	2.48	3.46	1.74	.98	30.93	35.53	
101 to 500	3	827	176.3	69.7	16.4	1.25	2.11	3.01	1.76	.90	39.50	28.74	
By size of city													
Under 10,000 inhabitants	4	601	164.8	67.8	27.6	1.35	2.30	2.84	1.49	.54	31.85	29.06	
10,000 and over	4/6	471	182.3	65.0	5.6	1.35	2.05	3.41	2.06	1.36	44.40	31.86	
1/ All establishments in the industry as covered by the biennial census.													
2/ N. Y., 1 estab.; Pa., 1; Md., 1; Ohio, 2; Ill., 1. 3/ 1-20 group, 2 estab.; 21-100 group, 5.													
4/ 10,000-24,999 group, 2 estab.; 25,000-99,999 group, 2; 100,000-499,999 group, 1; 500,000 and over group, 1.													

RUBBER PRODUCTS NOT ELSEWHERE CLASSIFIED													
Total for man-hour tabulations	1/359	1/45,322	165.4	54.4	17.3	1.24	1.95	2.67	1.43	.72	3.77	6.49	
The North (Districts A, B, C, and D)	286	41,132	164.6	54.8	17.2	1.22	1.94	2.57	1.35	.63	3.65	6.33	
The South (Districts E and F)	33	1,955	169.0	38.9	13.1	1.10	1.62	2.35	1.25	.73	3.26	5.51	
The West (District G)	40	2,235	175.8	58.8	23.1	1.65	2.47	4.72	3.07	2.25	6.28	10.16	
By districts and States													
District A, total	71	12,583	169.2	50.9	16.5	1.34	2.01	2.67	1.33	.66	3.88	7.14	
Maine, Vermont, and Massachusetts	2/49	6,986	169.5	49.5	16.6	1.57	2.24	2.93	1.36	.69	4.24	7.31	
Rhode Island and Connecticut	3/22	5,597	169.0	52.7	16.4	1.04	1.73	2.35	1.31	.62	3.42	6.94	
District B, total	90	14,297	163.4	58.3	18.0	1.18	1.94	2.56	1.38	.62	3.36	5.98	
New York	35	3,975	155.5	55.4	14.1	1.45	2.14	3.12	1.67	.98	3.05	4.28	
New Jersey	36	8,069	166.8	59.2	20.2	1.04	1.83	2.29	1.25	.46	3.52	6.68	
Pennsylvania	19	2,253	165.4	59.6	16.8	1.23	1.99	2.63	1.40	.64	3.29	6.47	

TABLE 3.---AVERAGES PER MAN-HOUR, BY DISTRICTS AND STATES AND BY SIZE CLASSES, FOR SELECTED

ESTABLISHMENTS IN 171 INDUSTRIES: 1939---Continued

District, State, and class	Estab- lish- ments	Wage earners (average for year)	Hours per month	Per wage-earner man-hour								Horse- power per W. E.	
				Wage earnings cents	Salary costs, cents	Cost mate- rials	Prime cost	Value prod- ucts	Value added	V. P. minus P. C.	Electrio energy used, KWH		
RUBBER PRODUCTS NOT ELSEWHERE CLASSIFIED---Continued													
District C, total	113	13,137	161.2	56.1	17.6	\$1.16	\$1.89	\$2.49	\$1.33	\$.60	3.76	6.10	
Michigan	12	1,491	164.1	58.5	17.7	1.35	2.11	2.94	1.59	.83	4.35	6.82	
Ohio	59	6,483	156.8	61.0	20.6	1.25	2.07	2.71	1.46	.64	3.95	6.24	
Indiana	12	2,779	163.0	44.4	13.9	.85	1.43	1.82	.97	.39	3.15	5.44	
Illinois	20	1,791	168.8	59.1	13.4	1.11	1.83	2.32	1.21	.49	3.85	6.44	
Wisconsin	10	593	171.4	44.9	17.0	1.16	1.78	2.60	1.44	.82	1.72	4.82	
District D---Iowa, Missouri, and Nebraska	4/12	1,115	168.6	42.4	8.4	1.06	1.57	2.26	1.20	.69	3.30	4.49	
District E, total	22	1,688	167.7	39.3	12.9	1.05	1.57	2.27	1.22	.70	3.52	5.22	
Maryland	12	689	169.6	36.1	10.3	.96	1.42	1.89	.93	.47	2.31	4.83	
Del., Va., N. C., Ky., and Tenn.	5/10	999	166.5	41.5	14.8	1.11	1.68	2.54	1.43	.86	4.37	5.48	
District F, total	11	267	177.2	36.5	14.1	1.38	1.89	2.78	1.40	.89	1.68	7.36	
South Carolina, Georgia, Arkansas, and Oklahoma	6/4	174	169.6	35.5	10.4	.96	1.42	2.16	1.20	.74	1.95	4.64	
Texas	7	93	191.4	38.1	20.2	2.08	2.66	3.81	1.73	1.15	1.24	12.45	
District G---Colorado, Washington, California	7/40	2,235	175.8	58.8	23.1	1.65	2.47	4.72	3.07	2.25	6.28	10.16	
By size of plant													
1 to 20 wage earners	128	1,145	167.8	51.4	35.1	1.96	2.82	4.17	2.21	1.35	2.86	10.31	
21 to 100	117	5,914	169.5	50.4	22.4	1.64	2.36	3.17	1.53	.81	3.37	8.38	
101 to 500	94	20,831	163.8	53.1	15.2	1.09	1.78	2.51	1.42	.73	3.42	5.91	
501 to 2,500	20	17,432	165.8	57.4	16.8	1.22	1.96	2.59	1.37	.63	4.38	6.28	
The North by size of city													
Under 10,000 inhabitants	56	8,999	161.3	50.6	16.4	1.18	1.85	2.41	1.23	.56	3.58	5.69	
10,000 to 24,999	43	6,475	160.5	52.9	12.5	1.13	1.78	2.57	1.44	.79	3.81	5.39	
25,000 to 99,999	48	8,023	168.7	57.4	20.1	1.25	2.03	2.62	1.37	.59	3.77	6.78	
100,000 to 499,999	62	12,017	166.2	57.3	17.9	1.17	1.92	2.45	1.28	.53	3.93	7.36	
500,000 and over	77	5,618	165.6	54.7	17.7	1.43	2.16	2.99	1.56	.83	2.77	5.62	
The South by size of city													
Under 10,000 inhabitants	4	229	169.0	41.2	18.6	1.30	1.90	3.17	1.87	1.27	1.54	6.06	
10,000 to 99,999	8/6	689	163.3	36.2	10.8	1.03	1.50	2.23	1.20	.73	4.52	4.02	
100,000 and over	9/23	1,037	172.8	40.0	13.3	1.09	1.63	2.24	1.15	.61	2.83	6.38	
The West by size of city													
Under 500,000 inhabitants	10/11	1,427	179.8	59.7	23.3	1.84	2.67	5.44	3.60	2.77	8.21	10.59	
500,000 and over	29	808	168.7	57.1	22.6	1.29	2.08	3.35	2.06	1.27	2.04	9.40	
1/ Biennial-census totals for the industry: Establishments, 519; wage earners, 50,692; wages, \$53,357,735.													
2/ Me., 2 estab.; Vt., 1; Mass., 46. 3/ R. I., 8 estab.; Conn., 14. 4/ Iowa, 1 estab.; Mo., 9; Nebr., 2.													
5/ Del., 3 estab.; Va., 2; N. C., 1; Ky., 1; Tenn., 3. 6/ S. C., 1 estab.; Ga., 1; Ark., 1; Okla., 1.													
7/ Colo., 1 estab.; Wash., 3; Calif., 36. 8/ 10,000-24,999 group, 2 estab.; 25,000-99,999 group, 4.													
9/ 100,000-499,999 group, 12 estab.; "500,000 and over" group, 11.													
10/ "Under 10,000" group, 1 estab.; 10,000-24,999 group, 2; 100,000-499,999 group, 8.													

CEMENT

Total for man-hour tabulations	1/157	1/23,571	164.1	67.1	15.8	1.45	2.28	4.10	2.65	1.82	57.99	46.51
The North (Districts A, B, and C)	92	15,466	163.4	69.2	15.2	1.32	2.16	3.80	2.48	1.64	54.06	48.45
The South (Districts D, E, and F)	39	5,117	161.8	57.3	15.2	1.43	2.16	4.25	2.82	2.09	56.75	44.90
The West (District G)	26	2,788	172.3	73.6	20.1	2.18	3.12	5.41	3.23	2.29	80.87	55.74
By districts and States												
District A, total	39	6,798	163.7	70.5	15.6	1.41	2.27	3.70	2.29	1.43	52.21	52.03
New York	12	1,335	164.0	72.1	19.2	1.68	2.59	4.03	2.35	1.44	63.74	63.30
Maine, New Jersey, and Pennsylvania	2/27	5,463	163.7	70.1	14.7	1.35	2.19	3.62	2.27	1.43	49.38	49.28
District B, total	30	5,064	162.2	69.2	14.7	1.26	2.10	3.79	2.53	1.69	58.13	47.19
Michigan	9	1,682	177.5	68.2	11.1	1.17	1.96	3.16	1.99	1.20	56.21	33.52
Ohio	11	1,281	160.9	66.9	18.5	1.29	2.14	3.48	2.19	1.34	55.94	53.77
Indiana	5	1,079	160.1	66.1	17.6	1.40	2.24	4.97	3.57	2.73	58.63	61.64
Illinois	5	1,022	140.8	78.6	13.0	1.27	2.18	4.12	2.85	1.94	64.64	46.19
District C, total	23	3,604	164.6	66.6	15.4	1.23	2.05	4.00	2.77	1.95	51.91	43.44
Wisconsin, Minnesota, South Dakota, and Nebraska	3/6	620	174.1	61.7	18.7	1.60	2.40	4.52	2.92	2.12	51.66	48.03
Iowa	5	1,183	165.0	67.0	12.0	1.08	1.87	3.64	2.56	1.77	45.59	28.66
Missouri	5	1,039	161.0	72.7	14.1	1.26	2.12	3.95	2.69	1.83	58.90	51.32
Kansas	7	762	160.9	61.7	19.6	1.08	1.89	4.17	3.09	2.28	52.64	51.91
District D, total	14	1,885	161.5	55.5	15.9	1.29	2.00	3.82	2.53	1.82	52.91	39.23
Maryland and West Virginia	4/5	590	160.7	56.7	12.3	1.65	2.34	3.84	2.19	1.50	54.56	35.83
Virginia and Kentucky	5/3	562	160.7	55.2	17.0	1.09	1.81	3.67	2.58	1.86	50.85	32.71
Tennessee	6	733	162.6	54.7	18.0	1.16	1.89	3.92	2.76	2.03	53.17	46.97
District E, total	11	1,485	163.2	55.4	14.0	1.58	2.27	3.92	2.34	1.65	52.88	42.82
Georgia and Florida	6/3	452	169.6	47.1	10.9	1.59	2.17	3.72	2.13	1.55	50.35	33.77
Alabama	8	1,033	160.5	59.3	15.5	1.58	2.33	4.02	2.44	1.69	54.06	46.78
District F, total	14	1,947	161.0	60.5	15.4	1.45	2.21	4.91	3.46	2.70	61.48	51.97
Louisiana, Arkansas, and Oklahoma	7/4	687	161.5	63.8	10.5	1.13	1.88	4.31	3.18	2.43	61.19	48.79
Texas	10	1,260	160.7	58.6	18.1	1.62	2.39	5.24	3.62	2.85	64.73	53.70

TABLE 3.—AVERAGES PER MAN-HOUR, BY DISTRICTS AND STATES AND BY SIZE CLASSES, FOR SELECTED
ESTABLISHMENTS IN 171 INDUSTRIES: 1939—Continued

District, State, and class	Estab- lish- ments	Wage earners (average for year)	Hours per month	Per wage-earner man-hour							V. P. minus P. C.	Electric energy used, kWh	Horse- power per W. E.
				Wage earnings cents	Salary costs, cents	Cost mate- rials	Prime cost	Value prod- ucts	Value added				
CEMENT—Continued													
District G, total	26	2,788	172.3	73.6	20.1	\$2.18	\$3.12	\$5.41	\$3.23	\$2.29	80.87	55.74	
Montana and Idaho	8/3	155	164.6	69.2	15.0	1.62	2.46	5.21	3.59	2.75	57.27	54.43	
Wyoming, Colorado, and Utah	9/5	404	177.5	62.5	16.6	1.83	2.62	4.95	3.12	2.33	73.61	58.19	
Washington and Oregon	10/8	743	162.8	76.6	18.1	2.27	3.22	6.33	4.06	3.11	80.40	39.60	
California	10	1,486	176.5	75.6	22.5	2.28	3.26	5.12	2.84	1.86	85.38	63.29	
By size of plant													
1 to 20 wage earners	5	45	173.8	65.6	14.1	6.86	7.66	9.46	2.60	1.80	50.44	153.64	
21 to 100	43	2,986	162.6	65.4	20.3	1.91	2.77	4.96	3.05	2.19	65.25	58.67	
101 to 2,500	11/109	20,540	164.3	67.3	15.2	1.37	2.20	3.96	2.59	1.76	56.96	46.80	
The North by size of city													
Under 10,000 inhabitants	60	10,075	161.2	68.7	15.9	1.31	2.15	3.71	2.40	1.56	51.53	49.50	
10,000 to 24,999	13	2,295	165.7	68.1	14.1	1.21	2.03	3.40	2.19	1.37	57.96	39.91	
25,000 to 99,999	7	1,235	165.8	75.4	12.5	1.25	2.12	4.27	3.02	2.15	55.04	35.74	
100,000 to 499,999	5	1,101	167.9	67.0	17.0	1.43	2.27	4.28	2.85	2.01	56.51	59.43	
500,000 and over	7	760	176.1	72.1	12.3	1.74	2.58	4.60	2.86	2.02	68.79	65.01	
The South by size of city													
Under 10,000 inhabitants	23	3,123	162.7	56.7	13.8	1.25	1.95	3.75	2.50	1.80	52.22	42.37	
10,000 to 24,999	3	427	162.7	55.7	9.9	1.60	2.26	4.20	2.60	1.94	54.33	59.14	
25,000 to 99,999	3	469	165.7	59.2	18.0	1.55	2.32	4.62	3.07	2.30	67.82	40.42	
100,000 to 499,999	10	1,298	157.9	58.6	19.5	1.78	2.56	5.35	3.57	2.79	64.63	47.91	
The West by size of city													
Under 10,000 inhabitants	18	1,969	169.7	74.5	17.1	2.04	2.96	5.22	3.18	2.26	77.38	55.65	
10,000 to 24,999	4	583	176.9	69.2	26.5	2.13	3.08	5.02	2.89	1.94	87.68	55.40	
25,000 and over	12/4	236	182.5	77.2	28.2	3.34	4.40	7.83	4.49	3.43	91.64	57.42	
1/ Biennial-census totals for the industry: Establishments, 160; wage earners, 23,801; wages, \$31,588,404.													
2/ Me., 1 estab.; N. J., 1; Pa., 25. 3/ Wis., 1 estab.; Minn., 2; S. Dak., 1; Nebr., 2. 4/ Md., 2 estab.; W. Va., 3.													
5/ Va., 2 estab.; Ky., 1. 6/ Ga., 2 estab.; Fla., 1. 7/ La., 1 estab.; Ark., 1; Okla., 2.													
8/ Mont., 1 estab.; Idaho, 2. 9/ Wyo., 1 estab.; Colo., 2; Utah, 2. 10/ Wash., 5 estab.; Oreg., 3.													
11/ 101-500 group, 107 estab.; 501-2,500 group, 2. 12/ 25,000-99,999 group, 1 estab.; 100,000-499,999 group, 2; "500,000 and over" group, 1.													
LIME													
Total for man-hour tabulations	1/197	1,798	172.0	47.7	10.7	.70	1.28	1.93	1.23	.65	5.81	14.95	
The North (Districts A, B, C, and D)	107	4,973	175.5	52.4	11.2	.72	1.35	2.15	1.43	.80	7.17	18.13	
The South (Districts E, F, and G)	64	2,287	159.5	34.4	9.9	.63	1.07	1.45	.82	.38	3.73	10.44	
The West (District H)	26	721	187.5	52.8	5	.74	1.36	1.81	1.07	.45	2.61	7.35	
By districts and States													
District A, total	12	473	179.9	46.5	9.6	.71	1.27	1.85	1.14	.58	5.33	18.36	
Maine, Vermont, and Connecticut	2/7	255	177.5	43.8	8.5	.64	1.16	1.70	1.06	.54	5.55	19.43	
Massachusetts	5	218	182.8	49.7	10.8	.79	1.40	2.01	1.22	.61	5.10	17.12	
District B, total	41	1,771	176.6	50.5	13.4	.63	1.27	1.96	1.33	.69	9.03	20.35	
New York and New Jersey	3/7	175	182.3	59.9	26.9	1.20	2.07	2.89	1.69	.82	20.46	27.98	
Pennsylvania	34	1,596	176.0	49.5	11.9	.56	1.18	1.86	1.30	.68	7.72	19.51	
District C, total	41	1,986	172.6	56.5	9.1	.81	1.47	2.48	1.67	1.01	6.00	17.97	
Ohio	15	1,369	174.2	60.2	7.9	.73	1.41	2.51	1.78	1.10	5.89	17.39	
Michigan and Indiana	4/9	244	158.9	46.6	14.1	.98	1.59	2.18	1.20	.59	6.31	17.75	
Illinois	9	224	177.0	53.4	10.1	1.17	1.80	3.03	1.86	1.23	9.08	24.02	
Wisconsin	8	149	173.8	41.7	10.9	.78	1.30	1.79	1.01	.49	1.85	14.64	
District D—Minn., S. Dak., Mo., and Kans.	5/13	743	178.1	50.6	12.3	.68	1.31	1.94	1.26	.63	6.98	13.13	
District E, total	45	1,596	164.5	34.0	9.0	.62	1.05	1.44	.82	.39	4.06	11.21	
Maryland and West Virginia	6/15	484	174.9	42.2	7.8	1.14	1.63	2.31	1.17	.68	7.52	17.21	
Virginia	18	604	162.8	31.3	8.1	.42	.81	1.04	.62	.23	3.00	10.93	
Tennessee	12	508	156.8	29.2	11.2	.32	.73	1.00	.68	.27	1.70	6.12	
District F, total	12	437	145.3	34.6	9.9	.74	1.18	1.50	.76	.32	2.68	6.89	
South Carolina and Florida	7/7	139	144.1	26.9	17.0	.31	.75	1.20	.89	.45	.67	3.24	
Alabama	5	298	145.8	38.1	6.6	.93	1.38	1.63	.70	.25	3.61	8.59	
District G—Arkansas, Oklahoma, and Texas	8/7	254	151.8	34.9	16.0	.53	1.04	1.46	.93	.42	3.18	11.11	
District H, total	26	721	187.5	52.8	9.5	.74	1.36	1.81	1.07	.45	2.61	7.35	
Montana, Idaho, and Washington	9/8	171	177.4	49.0	16.3	.84	1.49	1.99	1.15	.50	1.96	6.04	
Colorado, Utah, and Nevada	10/8	220	182.4	58.6	6.0	.77	1.42	1.69	.92	.27	2.18	6.05	
Arizona	4	103	201.5	39.7	5.6	.74	1.19	1.97	1.23	.78	1.76	5.80	
California	6	227	193.7	56.4	9.7	.65	1.31	1.72	1.07	.41	3.85	10.30	
By size of plant													
1 to 20 wage earners	91	865	170.1	42.0	11.6	.68	1.22	1.75	1.07	.53	3.61	15.54	
21 to 100	80	3,479	173.3	44.9	11.0	.79	1.35	1.97	1.18	.62	5.50	13.12	
101 to 500	26	3,657	171.2	51.7	10.2	.60	1.22	1.93	1.33	.71	6.62	16.57	
The North by size of city													
Under 10,000 inhabitants	86	4,071	174.3	53.4	11.0	.65	1.30	2.07	1.42	.77	7.16	17.61	
10,000 to 24,999	9	241	180.8	46.0	14.7	1.01	1.61	2.41	1.40	.80	4.94	13.94	
25,000 to 99,999	6	248	168.8	46.5	11.3	.66	1.24	1.98	1.32	.74	7.22	16.09	
100,000 and over	11/6	413	188.7	51.1	11.1	1.16	1.78	2.83	1.67	1.05	8.45	26.93	

ESTABLISHMENTS IN 171 INDUSTRIES: 1939---Continued

District, State, and class	Estab-lish-ments	Wage earners (average for year)	Hours per month	Per wage-earner man-hour								Horse-power per W. E.
				Wage earnings cents	Salary costs, cents	Cost materials	Prime cost	Value prod-ucts	Value added	V. P. mims P. C.	Electric energy used, KWH	
LIME---Continued												
The South by size of city												
Under 10,000 inhabitants	51	1,790	157.7	34.6	9.6	\$.59	\$1.03	\$1.40	\$.81	\$.37	4.03	11.11
10,000 to 99,999	12/5	143	174.9	37.8	9.5	.73	1.20	1.66	.93	.46	3.79	12.49
100,000 to 499,999	8	354	162.4	30.5	11.6	.81	1.23	1.61	.80	.38	2.23	6.23
1/ Biennial-census totals for the industry: Establishments, 269; wage earners, 9,458; wages, \$9,068,627.												
2/ Me., 1 estab.; Vt., 5; Conn., 1. 3/ N. Y., 5 estab.; N. J., 2. 4/ Mich., 4 estab.; Ind., 5.												
5/ Minn., 2 estab.; S. Dak., 1; Mo., 9; Kans., 1. 6/ Md., 6 estab.; W. Va., 9. 7/ S. C., 1 estab.; Fla., 6.												
8/ Ark., 1 estab.; Okla., 1; Tex., 5. 9/ Mont., 2 estab.; Idaho, 1; Wash., 5. 10/ Colo., 1 estab.; Utah, 5; Nev., 2.												
11/ 100,000-499,999 group, 2 estab.; "500,000 and over" group, 4. 12/ 10,000-24,999 group, 4 estab.; 25,000-99,999 group, 1.												
BRICK AND HOLLOW STRUCTURAL TILE												
Total for man-hour tabulations	1/539	1/22,196	168.8	46.1	9.2	.38	.93	1.33	.95	.40	2.90	8.09
The North (Districts A, B, C, and D)	304	12,975	169.7	53.9	10.1	.41	1.05	1.48	1.07	.43	2.94	8.82
The South (Districts E, F, and G)	170	8,053	167.2	33.2	7.7	.34	.74	1.09	.75	.35	2.89	6.40
The West (District H)	65	1,168	168.9	47.3	10.6	.35	.93	1.27	.92	.34	2.56	11.59
By districts and States												
District A, total	35	965	175.8	47.2	12.6	.29	.89	1.27	.98	.38	1.15	5.85
Maine	8	92	178.9	38.6	6.8	.24	.69	.86	.62	.17	.19	2.75
New Hampshire and Vermont	2/7	143	183.1	44.0	16.2	.23	.83	1.14	.91	.31	.52	5.73
Massachusetts, Rhode Island, and Connecticut	3/20	730	173.9	49.0	12.6	.32	.93	1.36	1.04	.43	1.41	6.26
District B, total	84	4,058	173.2	54.2	8.7	.42	1.05	1.46	1.04	.41	3.42	8.42
New York	30	1,620	176.6	55.1	8.4	.44	1.08	1.49	1.05	.41	2.76	8.01
New Jersey	9	717	166.9	52.3	7.0	.39	.98	1.36	.97	.38	2.13	5.91
Pennsylvania	45	1,721	172.6	54.0	9.8	.42	1.06	1.47	1.05	.41	4.58	9.86
District C, total	135	6,550	167.5	56.0	10.5	.42	1.08	1.51	1.09	.43	2.74	9.00
Michigan	7	387	180.2	64.0	11.9	.42	1.17	1.86	1.44	.69	2.43	8.08
Ohio	61	3,577	169.4	55.7	10.2	.44	1.10	1.47	1.03	.37	2.63	7.96
Indiana	23	995	165.3	51.9	9.8	.39	1.01	1.40	1.01	.39	2.63	6.86
Illinois	34	1,482	161.0	58.1	10.9	.37	1.06	1.59	1.22	.53	3.27	13.11
Wisconsin	10	109	168.4	45.8	15.9	.38	1.00	1.49	1.11	.49	1.72	10.12
District D, total	50	1,402	165.9	47.8	10.2	.42	1.00	1.52	1.10	.52	3.75	11.16
Minnesota	5	182	195.6	50.1	9.7	.41	1.01	1.42	1.01	.41	3.62	11.13
North Dakota and South Dakota	4/3	38	195.3	40.2	15.2	.42	.97	1.59	1.17	.62	2.09	14.26
Iowa	13	520	166.7	51.1	12.9	.43	1.07	1.59	1.16	.52	4.38	9.44
Missouri	14	283	152.5	49.6	8.2	.47	1.05	1.67	1.20	.62	3.87	10.49
Nebraska and Kansas	5/15	379	157.6	41.5	7.4	.35	.84	1.35	1.00	.51	3.03	13.73
District E, total	87	3,810	173.9	36.6	7.4	.35	.79	1.17	.82	.38	2.75	6.52
Delaware, Maryland, and District of Columbia	6/16	716	179.0	41.9	7.7	.40	.90	1.36	.96	.46	2.28	8.30
West Virginia	7	345	163.9	54.2	9.8	.52	1.16	1.53	1.01	.37	4.61	5.86
Virginia	18	846	173.9	37.2	4.9	.36	.78	1.22	.86	.44	2.48	5.96
North Carolina	22	878	169.0	29.4	9.1	.37	.75	1.20	.83	.45	2.87	5.42
Kentucky	10	226	177.4	33.7	9.0	.27	.70	.87	.60	.17	1.72	5.34
Tennessee	14	799	178.1	32.4	6.8	.25	.64	.89	.64	.25	2.87	7.35
District F, total	52	3,016	163.8	28.3	7.9	.31	.68	.96	.65	.28	3.25	5.71
South Carolina	11	556	167.5	23.9	5.7	.29	.58	.88	.59	.30	2.89	4.56
Georgia and Florida	7/9	817	171.6	28.5	8.9	.30	.67	.82	.52	.15	4.50	7.18
Alabama	15	725	154.8	29.2	9.3	.33	.71	1.07	.74	.36	3.42	5.18
Mississippi	4	240	164.8	25.7	2.7	.29	.58	.84	.55	.26	1.48	3.91
Louisiana and Arkansas	8/13	678	160.5	32.0	8.7	.36	.77	1.15	.79	.38	2.41	6.05
District G, total	31	1,227	154.7	34.1	7.9	.33	.75	1.13	.80	.38	2.43	7.70
Oklahoma	7	197	147.3	43.0	12.1	.39	.94	1.57	1.18	.63	4.30	13.65
Texas	24	1,030	156.2	32.5	7.1	.32	.72	1.05	.73	.33	2.09	6.57
District H, total	65	1,168	168.9	47.3	10.6	.35	.93	1.27	.92	.34	2.56	11.59
Montana, Idaho, and Wyoming	2/9	76	158.2	49.7	13.5	.36	.99	1.18	.82	.19	1.46	9.41
Colorado	13	175	167.1	45.1	15.2	.41	1.01	1.39	.98	.38	2.59	9.69
New Mexico	4	116	153.3	30.1	13.5	.25	.69	.75	.50	.06	1.57	6.14
Utah, Nevada, and Arizona	10/8	198	158.0	45.0	9.7	.49	1.04	1.29	.80	.25	1.56	11.40
Washington and Oregon	11/14	215	162.4	60.5	10.9	.30	1.01	1.20	.90	.19	2.99	10.75
California	17	388	185.7	46.6	7.8	.32	.86	1.39	1.07	.53	3.20	15.06
By size of plant												
1 to 20 wage earners	171	1,912	157.1	40.7	11.3	.33	.85	1.19	.86	.34	1.69	12.52
21 to 100	335	15,352	169.0	45.7	9.4	.37	.92	1.30	.93	.38	2.95	8.16
101 to 500	33	4,932	172.6	49.2	8.1	.42	.99	1.45	1.03	.46	3.19	6.15
The North by size of city												
Under 10,000 inhabitants	201	8,921	168.6	53.3	9.7	.42	1.05	1.44	1.02	.39	2.81	8.38
10,000 to 24,999	31	961	173.0	50.9	9.4	.42	1.02	1.56	1.14	.54	3.99	11.01
25,000 to 99,999	36	1,491	176.6	51.0	11.9	.37	1.00	1.42	1.05	.42	3.48	8.26
100,000 to 499,999	10	401	180.7	56.3	13.9	.41	1.11	1.55	1.14	.44	2.79	8.28
500,000 and over	26	1,201	162.7	64.0	9.5	.39	1.12	1.76	1.37	.64	2.33	11.25
3-31629												

ESTABLISHMENTS IN 171 INDUSTRIES: 1939--Continued

District, State, and class	Estab- lish- ments	Wage earners (average for year)	Hours per month	Per wage-earner man-hour								Horse- power per W. E.
				Wage earnings cents	Salary costs, cents	Cost mate- rials	Prime cost	Value prod- ucts	Value added	V. F. minus P. C.	Electric energy used, KWH	
BRICK AND HOLLOW STRUCTURAL TILE--Continued												
The South by size of city												
Under 10,000 inhabitants	96	4,350	166.7	32.4	7.3	.35	.75	\$1.11	\$.76	\$.36	3.59	5.57
10,000 to 24,999	23	889	170.0	34.0	8.0	.32	.74	1.05	.73	.31	2.61	6.76
25,000 to 99,999	25	1,535	169.3	30.9	9.3	.28	.69	.96	.68	.27	3.73	7.13
100,000 to 499,999	19	868	159.3	36.2	6.9	.30	.73	1.14	.84	.41	3.02	7.84
500,000 and over	7	411	174.9	42.3	5.9	.44	.92	1.32	.88	.40	1.99	8.52
The West by size of city												
Under 10,000 inhabitants	24	410	162.8	43.5	10.6	.31	.85	1.24	.93	.39	3.12	11.36
10,000 to 24,999	11	121	169.7	43.9	16.1	.42	1.02	1.40	.98	.38	3.58	15.73
25,000 to 99,999	14	220	177.5	44.6	7.2	.30	.82	1.15	.85	.33	1.71	12.18
100,000 and over	12/16	417	170.2	53.3	11.0	.40	1.04	1.32	.92	.28	2.21	10.30
1/ Biennial-census totals for the industry: Establishments, 800; wage earners, 29,069; wages, \$26,349,346.												
2/ N. H., 5 estab.; Vt., 2. 3/ Mass., 7 estab.; R. I., 1; Conn., 12. 4/ N. Dak., 2 estab.; S. Dak., 1.												
5/ Nebr., 7 estab.; Kans., 8. 6/ Del., 3 estab.; Md., 12; D. C., 1. 7/ Ga., 8 estab.; Fla., 1.												
8/ La., 8 estab.; Ark., 5. 9/ Mont., 4 estab.; Idaho, 4; Wyo., 1. 10/ Utah, 5 estab.; Nev., 1; Ariz., 2.												
11/ Wash., 8 estab.; Oreg., 6. 12/ 100,000-499,999 group, 14 estab.; "500,000 and over" group, 2.												
TERRA COTTA												
Total for man-hour tabulations	1/12	1/1,099	175.6	56.1	13.2	.33	1.02	1.37	1.04	.35	2.02	5.03
The North (First 2 groups of States below)	9	806	177.6	55.7	13.2	.32	1.01	1.24	.92	.23	1.70	4.03
The West (3rd group)	3	293	169.9	57.3	13.0	.34	1.05	1.74	1.40	.69	2.94	7.77
By districts and States												
New York, New Jersey, and Pennsylvania	2/6	577	177.4	57.5	11.3	.31	1.00	1.14	.83	.14	1.44	2.42
Illinois and Missouri	3/3	229	178.2	50.9	18.0	.35	1.04	1.50	1.15	.46	2.38	8.11
Colorado, Washington, and California	4/3	293	169.9	57.3	13.0	.34	1.05	1.74	1.40	.69	2.94	7.77
By size of plant												
1 to 100 wage earners	5/7	310	164.0	54.4	12.4	.27	.94	1.31	1.04	.37	.41	3.24
101 to 500	5	789	180.1	56.7	13.4	.35	1.05	1.39	1.04	.34	2.60	5.73
The North by size of city												
Under 100,000 inhabitants	6/5	585	180.7	55.8	11.9	.31	.99	1.20	.89	.21	1.37	2.90
500,000 and over	4	221	169.4	55.3	17.0	.34	1.07	1.37	1.03	.30	2.64	7.05
1/ All establishments in the industry as covered by the biennial census. 2/ N. Y., 1 estab.; N. J., 3; Pa., 2. 3/ Ill., 2 estab.; Mo., 1. 4/ Colo., 1 estab.; Wash., 1; Calif., 1.												
5/ 1-20 group, 2 estab.; 21-100 group, 5. 6/ "Under 10,000" group, 3 estab.; 25,000-99,999 group, 2.												
ROOFING TILE												
Total for man-hour tabulations	1/16	1/628	159.9	51.1	12.3	.31	.94	1.51	1.20	.57	2.36	7.18
The North (First group of States below)	5	413	158.6	56.0	14.7	.25	.95	1.59	1.34	.64	1.66	6.24
The South (2nd group)	3	107	161.5	33.4	6.9	.45	.85	1.20	.75	.35	4.69	6.50
The West (3rd group)	8	108	163.5	50.0	8.7	.42	1.01	1.55	1.13	.54	2.65	11.48
By districts and States												
Ohio, Illinois, Kansas, Colorado, and Arizona	2/5	413	158.6	56.0	14.7	.25	.95	1.59	1.34	.64	1.66	6.24
North Carolina, Georgia, and Alabama	3/3	107	161.5	33.4	6.9	.45	.85	1.20	.75	.35	4.69	6.50
California	8	108	163.5	50.0	8.7	.42	1.01	1.55	1.13	.54	2.65	11.48
By size of plant												
1 to 20 wage earners	7	52	153.3	41.0	13.9	.35	.90	1.64	1.29	.74	1.82	12.37
21 to 500	4/9	576	160.5	51.9	12.1	.31	.95	1.50	1.19	.55	2.40	6.72
1/ All establishments in the industry as covered by the biennial census. 2/ Ohio, 1 estab.; Ill., 1; Kans., 1; Colo., 1; Ariz., 1.												
3/ N. C., 1 estab.; Ga., 1; Ala., 1. 4/ 21-100 group, 7 estab.; 101-500 group, 2.												
FLOOR AND WALL TILE (EXCEPT QUARRY TILE)												
Total for man-hour tabulations	1/45	1/5,350	174.1	50.7	8.5	.43	1.02	1.51	1.08	.49	1.47	2.43
The North (Districts A and B)	30	4,248	174.3	49.2	8.6	.43	1.01	1.45	1.02	.44	1.49	2.37
The West (District C)	15	1,102	173.2	56.3	8.3	.41	1.05	1.72	1.31	.67	1.37	2.67
By districts and States												
District A, total	15	1,377	171.1	45.6	10.5	.51	1.07	1.43	.92	.36	1.36	2.67
New Jersey	10	759	179.8	43.8	7.7	.55	1.07	1.43	.88	.36	1.06	2.04
Pennsylvania	5	618	160.4	48.2	14.2	.46	1.09	1.44	.98	.35	1.78	3.44
District B, total	15	2,871	175.9	50.9	7.7	.40	.98	1.46	1.06	.48	1.55	2.23
Ohio	5	1,763	178.9	52.0	6.7	.38	.97	1.52	1.14	.55	1.54	2.01
N. Y., Ind., Wis., Minn., W. Va., Ky., and Oa.	2/10	1,108	171.1	49.0	9.4	.43	1.01	1.37	.94	.36	1.58	2.59
District C--California	15	1,102	173.2	56.3	8.3	.41	1.05	1.72	1.31	.67	1.37	2.67
By size of plant												
1 to 20 wage earners	14	115	168.3	46.0	8.1	.47	1.01	1.46	.99	.45	.74	5.26
21 to 100	15	818	180.7	45.5	8.9	.50	1.04	1.24	.74	.20	1.00	3.15
101 to 2,500	3/16	4,417	173.0	51.8	8.5	.41	1.02	1.56	1.15	.54	1.58	2.23
The North by size of city												
Under 10,000 inhabitants	14	1,884	171.1	50.3	8.8	.43	1.02	1.52	1.09	.50	1.47	2.50
10,000 to 99,999	4/11	1,961	176.4	50.3	9.1	.45	1.05	1.50	1.05	.45	1.73	2.55
100,000 to 499,999	5	403	179.4	39.4	5.1	.41	.85	.95	.54	.10	.46	.91

TABLE 3.---AVERAGES PER MAN-HOUR, BY DISTRICTS AND STATES AND BY SIZE CLASSES, FOR SELECTED

ESTABLISHMENTS IN 171 INDUSTRIES: 1939---Continued

District, State, and class	Estab-lish-ments	Wage earners (average for year)	Hours per month	Per wage-earner man-hour								Horse-power per W. E.
				Wage earnings cents	Salary costs, cents	Cost mate-rials	Prime cost	Value prod-ucts	Value added	V. P. mims P. C.	Electric energy used, KWH	
FLOOR AND WALL TILE (EXCEPT QUARRY TILE)---Continued												
The West by size of city												
Under 10,000 inhabitants	4	95	208.6	51.3	9.7	\$.55	\$1.16	\$1.82	\$1.27	\$.66	1.18	3.65
10,000 to 99,999	5/7	336	175.7	51.7	7.6	.34	.93	1.41	1.07	.48	1.19	1.71
100,000 and over	6/4	671	167.0	59.5	8.4	.41	1.09	1.86	1.45	.77	1.50	3.01
1/ Biennial-census totals for the industry: Establishments, 49; wage earners, 5,681; wages, \$5,931,149.												
2/ N. Y., 1 estab.; Ind., 3; Wis., 1; Minn., 1; W. Va., 2; Ky., 1; Ga., 1. 3/ 101-500 group, 14 estab.; 501-2,500 group, 2.												
4/ 10,000-24,999 group, 2 estab.; 25,000-99,999 group, 9. 5/ 10,000-24,999 group, 3 estab.; 25,000-99,999 group, 4.												
6/ 100,000-499,999 group, 1 estab.; "500,000 and over" group, 3.												
SEWER PIPE AND KINDRED PRODUCTS												
Total for man-hour tabulations	1/60	1/6,041	162.0	54.7	8.2	.38	1.01	1.48	1.10	.47	1.02	4.69
The North (Districts A, B, and C)	40	4,038	158.7	60.4	8.2	.39	1.08	1.56	1.17	.48	.93	4.37
The South (Districts D and E)	12	1,407	166.6	38.5	8.9	.37	.84	1.20	.83	.36	.87	4.05
The West (District F)	8	596	173.7	56.3	6.9	.33	.96	1.62	1.29	.66	1.96	8.36
By districts and States												
District A---Pennsylvania	5	727	155.9	68.3	7.5	.39	1.15	1.71	1.32	.56	.59	3.50
District B, total	26	2,510	155.2	62.7	8.1	.39	1.09	1.59	1.20	.50	1.13	4.17
Maine, Michigan, and Ohio	2/22	2,075	151.9	64.9	7.1	.37	1.09	1.60	1.23	.51	1.16	3.83
Indiana and Illinois	3/4	435	170.9	53.2	11.5	.46	1.10	1.55	1.09	.45	1.01	5.77
District C, total	9	801	172.1	47.4	9.5	.40	.97	1.36	.96	.39	.62	5.80
Minnesota, Iowa, and Kansas	4/6	487	168.6	50.9	9.1	.41	1.01	1.41	1.00	.40	.64	5.95
Missouri	3	314	177.4	42.5	10.2	.39	.92	1.28	.89	.36	.59	5.56
District D, total	7	756	168.0	42.0	11.6	.36	.90	1.18	.82	.28	.65	4.30
Kentucky	3	305	150.5	53.3	10.3	.30	.93	1.23	.93	.30	.39	3.22
Virginia, North Carolina, South Carolina, Tennessee	5/4	451	179.9	35.6	12.3	.40	.88	1.16	.76	.28	.79	5.03
District E---Georgia, Alabama, and Texas	6/5	651	164.9	34.4	5.8	.37	.77	1.22	.85	.45	1.14	3.75
District F, total	8	596	173.7	56.3	6.9	.33	.96	1.62	1.29	.66	1.96	8.36
Wyoming and Washington	7/3	94	159.3	58.4	10.0	.49	1.17	1.90	1.41	.73	1.98	15.22
California	5	502	176.5	55.9	6.3	.30	.92	1.57	1.27	.65	1.96	7.08
By size of plant												
1 to 100 wage earners	8/31	2,022	163.2	54.3	9.3	.37	1.00	1.42	1.05	.42	1.04	5.70
101 to 500	29	4,019	161.4	54.9	7.7	.38	1.01	1.51	1.13	.50	1.02	4.18
The North by size of city												
Under 10,000 inhabitants	33	3,507	156.3	62.1	7.2	.38	1.08	1.58	1.20	.50	.91	4.09
10,000 to 99,999	2/4	253	173.8	55.1	13.1	.48	1.17	1.50	1.02	.33	1.47	7.02
100,000 and over	10/3	278	174.9	45.8	15.2	.38	.99	1.38	1.00	.39	.63	5.54
The South by size of city												
Under 10,000 inhabitants	4	467	160.1	38.2	8.8	.35	.82	1.20	.85	.38	.90	4.32
25,000 to 499,999	11/8	940	169.8	38.6	9.0	.38	.85	1.20	.82	.35	.77	3.91
The West by size of city												
Under 10,000 inhabitants	5	282	169.5	55.5	9.5	.34	.99	1.60	1.26	.61	2.11	10.48
25,000 and over	12/3	314	177.6	57.0	4.7	.32	.94	1.63	1.31	.69	1.84	6.46
1/ Biennial-census totals for the industry: Establishments, 65; wage earners, 6,406; wages, \$6,817,738.												
2/ Me., 1 estab.; Mich., 1; Ohio, 20. 3/ Ind., 2 estab.; Ill., 2. 4/ Minn., 2 estab.; Iowa, 3; Kans., 1.												
5/ Va., 1 estab.; N. C., 1; S. C., 1; Tenn., 1. 6/ Ga., 2 estab.; Ala., 1; Tex., 2. 7/ Wyo., 1 estab.; Wash., 2.												
8/ 1-20 group, 1 estab.; 21-100 group, 30. 9/ 10,000-24,999 group, 3 estab.; 25,000-99,999 group, 1.												
10/ 100,000-499,999 group, 1 estab.; "500,000 and over" group, 2. 11/ 25,000-99,999 group, 5 estab.; 100,000-499,999 group, 3.												
12/ 25,000-99,999 group, 2 estab.; "500,000 and over" group, 1.												

CLAY REFRACTORIES, INCLUDING REFRACTORY CEMENT (CLAY)												
Total for man-hour tabulations	1/136	1/10,257	148.7	57.9	11.6	.61	1.30	1.97	1.36	.67	2.92	6.55
The North (Districts A, B, C, and D)	97	7,130	151.2	57.7	12.4	.63	1.33	2.00	1.37	.67	2.31	6.38
The South (Districts E and F)	23	2,410	137.6	57.4	9.9	.47	1.14	1.81	1.34	.67	4.42	5.35
The West (District G)	16	717	160.8	61.7	9.5	.82	1.54	2.20	1.38	.66	4.24	12.17
<u>By districts and States</u>												
District A---Massachusetts and Connecticut	2/3	62	184.1	52.0	28.5	.65	1.46	1.61	.96	.15	1.02	3.13
District B, total	48	3,400	142.5	63.7	12.4	.64	1.40	2.00	1.36	.60	2.02	6.42
New Jersey	8	348	163.5	48.8	16.9	.60	1.25	2.00	1.40	.75	.77	5.01
Pennsylvania	40	3,052	140.1	65.7	11.8	.64	1.42	2.00	1.36	.58	2.19	6.58
District C, total	35	1,812	150.5	60.0	13.4	.57	1.30	1.84	1.27	.54	1.59	6.65
Michigan and Ohio	3/26	1,439	152.2	58.6	11.2	.50	1.20	1.75	1.25	.55	1.07	5.32
Indiana, Illinois, and Wisconsin	4/9	373	144.3	66.0	22.3	.84	1.73	2.23	1.39	.50	3.70	11.80
District D---Missouri	11	1,856	166.5	46.5	11.0	.67	1.25	2.15	1.48	.90	3.46	6.01
District E, total	16	1,806	134.8	65.3	9.7	.44	1.19	1.81	1.37	.62	5.10	5.16
Maryland and West Virginia	5/5	387	150.6	72.8	8.9	.29	1.11	1.97	1.68	.86	2.14	6.51
Kentucky	11	1,419	130.5	63.0	10.0	.49	1.22	1.76	1.27	.54	6.03	4.79
District F---S. C., Ga., Ala., and Tex.	6/7	604	145.9	35.3	10.2	.55	1.01	1.82	1.27	.81	2.56	5.92

TABLE 3.---AVERAGES PER MAN-HOUR, BY DISTRICTS AND STATES AND BY SIZE CLASSES, FOR SELECTED

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ESTABLISHMENTS IN 171 INDUSTRIES: 1939---Continued

District, State, and class	Estab- lish- ments	Wage earners (average for year)	Hours per month	Per wage-earner man-hour								Horse- power per W. E.
				Wage earnings cents	Salary costs, cents	Cost mate- rials	Prime cost	Value prod- ucts	Value added	V. P. minus P. C.	Electric energy used, kWh	
CLAY REFRACTORIES, INCLUDING REFRACTORY CEMENT (CLAY)---Continued												
District G, total	16	717	160.8	61.7	9.5	.82	\$1.54	\$2.20	\$1.38	\$.66	4.24	12.17
Colorado	4	220	168.4	60.9	12.4	.71	1.44	2.02	1.31	.58	1.73	7.50
Idaho, Washington, and Nevada	7/4	179	139.3	63.9	8.5	.82	1.54	2.04	1.22	.50	4.87	12.13
California	8	318	167.7	61.2	7.9	.91	1.60	2.40	1.49	.80	5.69	15.42
By size of plant												
1 to 20 wage earners	19	227	135.7	53.7	23.4	1.24	2.01	3.12	1.88	1.11	1.61	11.95
21 to 100	85	4,670	148.3	60.1	13.4	.65	1.38	1.99	1.34	.61	3.35	7.64
101 to 500	32	5,360	149.5	56.2	9.7	.56	1.22	1.92	1.36	.70	2.59	5.36
The North by size of city												
Under 10,000 inhabitants	60	4,786	147.2	57.3	10.2	.57	1.25	1.92	1.35	.67	2.28	6.07
10,000 to 24,999	8	421	153.7	70.5	21.3	.77	1.69	2.35	1.58	.66	2.66	7.57
25,000 to 99,999	13	996	154.6	57.3	16.8	.56	1.30	1.68	1.12	.38	2.15	7.81
100,000 to 499,999	6	200	167.6	61.2	8.0	.98	1.67	2.93	1.95	1.26	1.79	7.87
500,000 and over	10	727	166.9	53.2	16.2	.88	1.58	2.41	1.53	.83	2.66	5.39
The South by size of city												
Under 10,000 inhabitants	17	1,665	131.9	62.7	7.3	.37	1.07	1.56	1.19	.49	2.25	4.85
10,000 to 499,999	8/6	745	150.2	46.8	14.9	.67	1.29	2.31	1.64	1.02	8.69	6.48
The West by size of city												
Under 10,000 inhabitants	6	236	150.3	62.1	8.2	.77	1.47	2.00	1.23	.53	4.35	12.11
10,000 to 99,999	9/4	186	160.6	63.1	6.3	.94	1.63	2.09	1.15	.46	3.48	8.96
100,000 and over	10/6	295	169.5	60.6	12.3	.79	1.52	2.41	1.62	.89	4.61	14.24
1/ Biennial-census totals for the industry: Establishments, 165; wage earners, 12,211; wages, \$12,324,290. 2/ Mass., 1 estab.; Conn., 2. 3/ Mich., 1 estab.; Ohio, 25. 4/ Ind., 3 estab.; Ill., 5; Wis., 1. 5/ Md., 2 estab.; W. Va., 3. 6/ S. C., 1 estab.; Ga., 3; Ala., 1; Tex., 2. 7/ Idaho, 1 estab.; Wash., 2; Nev., 1. 8/ 10,000-24,999 group, 1 estab.; 25,000-99,999 group, 3; 100,000-499,999 group, 2. 9/ 10,000-24,999 group, 2 estab.; 25,000-99,999 group, 2. 10/ 100,000-499,999 group, 2 estab.; "500,000 and over" group, 4.												
CLAY PRODUCTS (EXCEPT POTTERY), NOT ELSEWHERE CLASSIFIED												
Total for man-hour tabulations	1/71	1,1460	168.8	44.8	10.5	.31	.86	1.33	1.02	.47	2.03	7.70
The North (Districts A and B)	52	1,034	172.9	46.8	10.7	.33	.90	1.30	.97	.40	2.02	8.49
The South (District C)	10	339	161.5	36.2	8.3	.24	.69	1.26	1.02	.57	2.42	5.17
The West (District D)	9	87	148.2	53.4	17.7	.31	1.02	1.95	1.64	.93	.51	8.11
By districts and States												
District A---Massachusetts and Pennsylvania	2/5	106	133.5	53.3	19.1	.57	1.29	1.64	1.07	.35	11.28	12.16
District B, total	47	928	177.4	46.2	9.9	.31	.87	1.28	.97	.41	1.22	8.07
Michigan	4	109	161.1	55.0	15.1	.37	1.07	1.48	1.11	.41	.26	6.14
Ohio	28	662	179.9	47.3	8.7	.30	.86	1.27	.97	.41	1.36	7.55
Indiana, Illinois, Wisconsin, and Iowa	3/15	157	178.3	36.1	11.8	.32	.79	1.18	.86	.39	1.22	11.62
District C, total	10	339	161.5	36.2	8.3	.24	.69	1.26	1.02	.57	2.42	5.17
Maryland, District of Columbia, and West Virginia	4/4	149	145.8	52.8	10.8	.39	1.03	1.72	1.33	.69	1.29	4.26
Kentucky and Tennessee	5/6	190	173.7	25.2	6.6	.15	.47	.97	.82	.50	3.16	5.89
District D---Washington, Oregon, California	6/9	87	148.2	53.4	17.7	.31	1.02	1.95	1.64	.93	.51	8.11
By size of plant												
1 to 20 wage earners	48	360	170.9	39.9	9.3	.37	.86	1.25	.88	.39	.59	10.71
21 to 100	23	1,100	168.1	46.4	10.9	.29	.86	1.35	1.06	.49	2.51	6.71
The North by size of city												
Under 10,000 inhabitants	47	899	172.6	46.0	10.0	.33	.89	1.28	.95	.39	2.08	8.79
10,000 to 99,999	7/5	135	175.0	52.2	15.1	.35	1.02	1.47	1.12	.45	1.57	6.47
1/ Biennial-census totals for the industry: Establishments, 99; wage earners, 1,651; wages, \$1,493,937. 2/ Mass., 2 estab.; Pa., 3. 3/ Ind., 11 estab.; Ill., 2; Wis., 1; Iowa, 1. 4/ Md., 1 estab.; D. C., 1; W. Va., 2. 5/ Ky., 2 estab.; Tenn., 4. 6/ Wash., 1 estab.; Oreg., 4; Calif., 4. 7/ 10,000-24,999 group, 2 estab.; 25,000-99,999 group, 3.												
VITREOUS-CHINA PLUMBING FIXTURES												
Total for man-hour tabulations	1/25	1,4534	167.2	69.4	12.2	.77	1.59	2.42	1.65	.83	1.55	3.88
By districts and States												
District A, total	15	2,360	167.5	70.0	13.8	.74	1.58	2.13	1.39	.55	1.45	4.59
New Jersey	10	1,799	168.9	68.7	12.2	.69	1.50	2.05	1.36	.55	1.49	5.42
Pennsylvania and West Virginia	2/5	561	163.3	74.4	19.1	.92	1.85	2.41	1.49	.56	1.31	1.91
District B, total	10	2,174	166.8	68.8	10.4	.80	1.59	2.73	1.93	1.14	1.67	3.12
Ohio and Indiana	3/4	713	157.5	72.7	10.4	.81	1.64	3.24	2.43	1.60	1.69	3.44
Illinois	3	570	172.9	54.7	11.3	.76	1.42	1.96	1.20	.54	1.77	2.06
Wisconsin and California	4/3	891	170.2	75.1	9.9	.81	1.66	2.85	2.04	1.19	1.59	3.54
By size of plant												
1 to 100 wage earners	5/11	666	168.7	60.6	17.7	.70	1.49	2.32	1.62	.83	1.16	10.75
101 to 2,500	6/14	3,868	166.9	71.0	11.2	.78	1.60	2.43	1.65	.83	1.62	2.70
By size of city												
Under 10,000 inhabitants	8	1,033	168.4	59.5	11.3	.69	1.40	1.90	1.21	.50	1.48	2.05
10,000 to 99,999	7/7	1,653	166.1	72.9	12.3	.79	1.64	2.85	2.06	1.21	1.58	6.77
100,000 and over	8/10	1,848	167.4	72.0	12.6	.79	1.63	2.32	1.53	.69	1.57	2.33

TABLE 3.—AVERAGES PER MAN-HOUR, BY DISTRICTS AND STATES AND BY SIZE CLASSES, FOR SELECTED

ESTABLISHMENTS IN 171 INDUSTRIES: 1939—Continued

District, State, and class	Estab- lish- ments	Wage earners (average for year)	Hours per month	Per wage-earner man-hour								Horse- power per W. E.
				Wage earnings cents	Salary costs, cents	Cost mate- rials	Prime cost	Value prod- ucts	Value added	V. P. minus F. C.	Electric energy used, KWH	
VITREOUS-CHINA PLUMBING FIXTURES—Continued												
1/ All establishments in the industry as covered by the biennial census.												
2/ Pa., 3 estab.; W. Va., 2.												
3/ Ohio, 3 estab.; Ind., 1.												
4/ Wis., 1 estab.; Calif., 2.												
5/ 1-20 group, 3 estab.; 21-100 group, 8.												
6/ 101-500 group, 12 estab.; 501-2,500 group, 2.												
7/ 10,000-24,999 group, 2 estab.; 25,000-99,999 group, 5.												
8/ 100,000-499,999 group, 8 estab.; "500,000 and over" group, 2.												
HOTEL CHINA												
Total for man-hour tabulations	1/14	1/3,580	156.7	56.5	10.1	.21	.88	\$1.16	.95	.28	.96	1.15
The North (Districts A and B)	10	2,878	158.8	56.3	10.5	.20	.87	1.16	.96	.29	1.02	1.04
The South (District C)	4	702	148.0	57.4	8.7	.24	.90	1.16	.92	.26	.70	1.57
By districts and States												
District A, total	7	2,398	161.1	56.4	10.4	.17	.82	1.11	.94	.29	1.02	1.06
New York and California	2/4	1,125	164.1	51.0	13.1	.21	.85	1.17	.96	.32	1.03	1.43
Pennsylvania	3	1,273	158.5	57.6	8.0	.14	.80	1.06	.92	.26	1.00	.73
District B—Ohio	3	480	147.3	66.6	10.5	.37	1.14	1.43	1.06	.29	1.03	.97
District C—West Virginia	4	702	148.0	57.4	8.7	.24	.90	1.16	.92	.26	.70	1.57
The North by size of city 2/												
Under 10,000 inhabitants	5	768	155.6	58.3	11.9	.32	1.02	1.23	.92	.21	.83	1.09
10,000 and over	4/5	2,110	160.0	55.6	9.9	.17	.82	1.14	.97	.32	1.08	1.03
1/ Biennial-census totals for the industry: Establishments, 17; wage earners, 4,350; wages, \$4,639,398.												
2/ W. Y., 3 estab.; Calif., 1.												
3/ No detail by size of plant can be given; most of the establishments covered, however, were in the class employing 101 to 500 wage earners.												
4/ 10,000-24,999 group, 1 estab.; 25,000-99,999 group, 1; 100,000-499,999 group, 2; "500,000 and over" group, 1.												
WHITEWARE												
Total for man-hour tabulations	1/24	1/10,962	161.7	57.8	7.7	.36	1.02	1.23	.87	.21	.92	1.09
The North (First group of States below)	15	5,379	170.3	59.7	6.7	.35	1.02	1.26	.91	.24	.75	1.02
The South (2nd group)	5	5,055	153.3	56.1	8.3	.38	1.02	1.17	.79	.15	1.14	1.12
The West (3rd group)	4	528	153.5	53.5	12.7	.28	.94	1.37	1.09	.43	.75	1.47
By districts and States												
Pennsylvania, Michigan, and Ohio	2/15	5,379	170.3	59.7	6.7	.35	1.02	1.26	.91	.24	.75	1.02
West Virginia and Tennessee	3/5	5,055	153.3	56.1	8.3	.38	1.02	1.17	.79	.15	1.14	1.12
Illinois and California	4/4	528	153.5	53.5	12.7	.28	.94	1.37	1.09	.43	.75	1.47
By size of plant												
21 to 500 wage earners	5/18	4,459	164.2	58.2	7.1	.36	1.01	1.22	.86	.21	.74	.89
501 and over	6/6	6,503	159.9	57.5	8.1	.36	1.02	1.23	.87	.21	1.04	1.22
The North by size of city												
Under 10,000 inhabitants (South is this city-size)	9	3,269	168.4	59.0	6.0	.37	1.02	1.17	.80	.15	.70	1.06
10,000 to 99,999	7/6	2,110	173.2	60.6	7.9	.33	1.01	1.39	1.06	.38	.81	.91
1/ Biennial-census totals for the industry: Establishments, 31; wage earners, 11,728; wages, \$13,149,932.												
2/ Pa., 1 estab.; Mich., 1; Ohio, 13.												
3/ W. Va., 4 estab.; Tenn., 1.												
4/ Ill., 1 estab.; Calif., 3.												
5/ 21-100 group, 1 estab.; 101-500 group, 17.												
6/ 501-2,500 group, 5 estab.; "2,501 and over" group, 1.												
7/ 10,000-24,999 group, 5 estab.; 25,000-99,999 group, 1.												
PORCELAIN ELECTRICAL SUPPLIES												
Total for man-hour tabulations	1/35	1/5,284	166.1	55.2	15.8	.62	1.33	1.79	1.17	.46	1.78	3.27
The North (Districts A and B)	29	4,169	167.3	57.3	17.3	.52	1.26	1.70	1.18	.44	1.79	3.28
The South (District C)	6	1,115	161.6	46.8	10.3	1.02	1.60	2.17	1.15	.57	1.73	3.22
By districts and States												
District A, total	17	2,432	165.2	52.8	14.0	.47	1.14	1.51	1.04	.37	1.32	2.27
New York	3	603	170.7	47.7	16.4	.79	1.43	1.67	.88	.24	1.10	1.84
Connecticut, New Jersey, and Pennsylvania	2/14	1,829	163.4	54.5	13.2	.36	1.04	1.45	1.09	.41	1.39	2.42
District B, total	12	1,737	170.3	63.5	21.7	.57	1.42	1.95	1.38	.53	2.43	4.68
Michigan and Ohio	3/8	1,202	168.2	69.9	28.1	.63	1.61	2.22	1.59	.61	2.73	5.57
Indiana, Illinois, Wisconsin, and California	4/4	535	174.9	49.7	7.7	.44	1.01	1.36	.92	.35	1.78	2.69
District C—Maryland, West Virginia, Tennessee	5/6	1,115	161.6	46.8	10.3	1.02	1.60	2.17	1.15	.57	1.73	3.22
By size of plant												
1 to 100 wage earners	6/15	898	158.6	52.7	20.3	.45	1.18	1.61	1.16	.43	1.31	2.72
101 to 500	20	4,386	167.6	55.6	15.0	.65	1.36	1.83	1.18	.47	1.87	3.38
The North by size of city												
Under 10,000 inhabitants	10	1,934	168.2	52.5	11.4	.52	1.16	1.61	1.09	.45	1.53	3.15
10,000 to 99,999	7/6	839	168.9	63.8	20.9	.77	1.61	2.14	1.37	.53	2.06	4.82
100,000 and over	8/13	1,396	165.1	60.2	23.4	.35	1.18	1.54	1.19	.36	1.99	2.53
1/ Biennial-census totals for the industry: Establishments, 42; wage earners, 6,018; wages, \$6,530,168.												
2/ Conn., 1 estab.; N. J., 11; Pa., 2.												
3/ Mich., 1 estab.; Ohio, 7.												
4/ Ind., 1 estab.; Ill., 1; Wis., 1; Calif., 1.												
5/ Mi., 1 estab.; W. Va., 4; Tenn., 1.												
6/ 1-20 group, 1 estab.; 21-100 group, 14.												
7/ 10,000-24,999 group, 4 estab.; 25,000-99,999 group, 2.												
8/ 100,000-499,999 group, 11 estab.; "500,000 and over" group, 2.												
POTTERY PRODUCTS NOT ELSEWHERE CLASSIFIED												
Total for man-hour tabulations	1/111	1/5,196	171.0	52.9	12.9	.30	.96	1.34	1.04	.38	1.10	2.29
The North (Districts A, B, and C)	64	4,105	170.6	53.6	13.9	.30	.97	1.35	1.05	.38	1.07	2.18
The South (District D)	23	325	168.8	42.2	11.1	.32	.86	1.24	.92	.38	1.27	2.23
The West (District E)	24	766	174.1	53.5	8.0	.32	.94	1.32	1.00	.38	1.18	2.93

ESTABLISHMENTS IN 171 INDUSTRIES: 1939---Continued

District, State, and class	Estab-lish-ments	Wage earners (average for year)	Hours per month	Per wage-earner man-hour								Horse-power per W. E.	
				Wage earnings cents	Salary costs, cents	Cost mate-rials	Prime cost	Value prod-ucts	Value added	V. P. minus P. C.	Electric energy used, KWH		
POTTERY PRODUCTS NOT ELSEWHERE CLASSIFIED---Continued													
By districts and States													
District A, total	20	1,052	176.5	50.3	20.1	\$.22	\$.92	\$1.38	\$1.16	\$.46	.85	2.64	
New Jersey	9	813	175.5	48.6	17.1	.20	.86	1.21	1.01	.35	.51	1.71	
Massachusetts, New York, and Pennsylvania	2/11	239	179.9	56.0	30.1	.30	1.16	1.95	1.65	.79	1.97	5.80	
District B, total	40	2,855	168.8	54.7	11.6	.33	.99	1.34	1.01	.35	1.16	1.97	
Ohio	27	2,209	165.3	59.0	11.5	.33	1.03	1.39	1.06	.36	1.29	1.96	
Michigan and Indiana	3/4	127	185.8	35.7	10.7	.28	.74	1.42	1.14	.68	.34	1.80	
Illinois and Wisconsin	4/9	519	179.8	42.7	12.3	.36	.91	1.15	.79	.24	.88	2.06	
District C---Minn., Mo., Nebr., and Kans.	5/4	198	165.6	54.6	12.7	.28	.95	1.28	1.00	.33	1.02	2.69	
District D, total	23	325	168.8	42.2	11.1	.32	.86	1.24	.92	.38	1.27	2.23	
Md., D. C., W. Va., N. C., Ky., and Tenn.	6/11	159	163.0	51.6	10.9	.47	1.10	1.52	1.05	.42	1.94	2.19	
South Carolina, Georgia, Mississippi, and Arkansas	7/6	89	179.5	38.0	11.5	.21	.70	1.08	.87	.38	.86	2.15	
Oklahoma and Texas	8/6	77	168.6	28.7	11.1	.16	.56	.86	.70	.30	.45	2.39	
District E---Colo., N. Mex., Wash., Oreg., and Calif.	9/24	766	174.1	53.5	8.0	.32	.94	1.32	1.00	.38	1.18	2.93	
By size of plant													
1 to 20 wage earners	64	508	166.4	43.8	18.0	.27	.89	1.53	1.26	.64	.87	3.79	
21 to 100	32	1,428	173.0	49.3	15.4	.33	.98	1.40	1.07	.42	1.16	2.88	
101 to 2,500	10/15	3,260	170.9	55.8	11.0	.29	.96	1.28	.99	.32	1.11	1.80	
The North by size of city													
Under 10,000 inhabitants	31	1,542	177.4	46.8	14.0	.32	.93	1.28	.96	.35	.98	2.35	
10,000 to 24,999	10	1,017	152.4	70.5	12.4	.29	1.12	1.58	1.29	.46	1.91	2.01	
25,000 to 99,999	7	748	174.5	52.3	8.8	.36	.97	1.22	.86	.25	.62	2.10	
100,000 to 499,999	9	737	177.1	48.5	19.5	.20	.88	1.32	1.12	.44	.70	1.93	
500,000 and over	7	61	178.1	56.5	30.3	.28	1.15	1.74	1.46	.59	1.44	4.56	
The South by size of city													
Under 25,000 inhabitants	11/17	217	171.7	44.1	7.2	.35	.86	1.22	.87	.36	1.26	2.03	
100,000 and over	12/6	108	163.1	38.2	19.3	.27	.85	1.27	1.00	.42	1.29	2.63	
The West by size of city													
Under 100,000 inhabitants	13/7	248	175.2	45.9	8.7	.20	.75	1.24	1.04	.49	.99	2.74	
100,000 to 499,999	5	31	172.1	45.9	20.5	.31	.98	1.54	1.23	.56	1.45	4.10	
500,000 and over	12	487	173.6	57.9	6.8	.39	1.04	1.36	.97	.32	1.26	2.96	
1/ Biennial-census totals for the industry: Establishments, 151; wage earners, 6,054; wages, \$6,398,313.													
2/ Mass., 3 estab.; N. Y., 2; Pa., 6. 3/ Mich., 3 estab.; Ind., 1. 4/ Ill., 8 estab.; Wis., 1.													
5/ Minn., 1 estab.; Mo., 1; Nebr., 1; Kans., 1. 6/ Md., 1 estab.; D. C., 1; W. Va., 4; N. C., 3; Ky., 1; Tenn., 1.													
7/ S. C., 1 estab.; Ga., 1; Miss., 2; Ark., 2. 8/ Okla., 1 estab.; Tex., 5.													
9/ Colo., 1 estab.; N. Mex., 1; Wash., 4; Oreg., 1; Calif., 17. 10/ 101-500 group, 14 estab.; 501-2,500 group, 1.													
11/ "Under 10,000" group, 15 estab.; 10,000-24,999 group, 2. 12/ 100,000-499,999 group, 4 estab.; "500,000 and over" group, 2.													
13/ "Under 10,000" group, 6 estab.; 25,000-99,999 group, 1.													

FLAT GLASS

Total for man-hour tabulations	1/33	1/16,621	141.9	84.3	12.9	1.19	2.16	3.60	2.41	1.44	8.95	9.28
The North (First 2 groups of States below)	21	12,826	140.4	82.9	12.1	1.24	2.19	3.82	2.58	1.63	10.44	10.95
The South (3rd and 4th groups)	12	3,795	147.0	89.0	15.3	1.00	2.04	2.86	1.86	.82	4.13	3.62
<u>By districts and States</u>												
Pennsylvania, Michigan, Ohio, Indiana, and Illinois	2/17	10,630	139.4	83.9	12.0	1.41	2.37	3.66	2.25	1.29	9.88	11.42
Minnesota, Missouri, and California	3/4	2,196	145.2	77.9	12.8	.45	1.36	4.57	4.12	3.21	13.04	8.68
West Virginia	7	2,384	146.1	90.4	16.0	1.11	2.18	3.00	1.89	.82	4.50	3.50
Tennessee, Arkansas, Louisiana, and Oklahoma	4/5	1,411	148.6	86.6	14.2	.81	1.82	2.63	1.82	.81	3.52	3.82
<u>By size of plant</u>												
1 to 20 wage earners	3	34	153.7	64.4	55.0	.67	1.86	3.01	2.34	1.15	1.34	2.79
21 to 100	3	118	162.3	59.2	17.5	.63	1.40	2.15	1.52	.75	2.79	14.39
101 to 500	17	4,652	153.4	79.3	13.7	.78	1.71	2.56	1.78	.85	4.32	4.65
501 to 2,500	10	11,817	137.1	86.9	12.4	1.37	2.36	4.07	2.70	1.71	11.08	11.07
<u>The North by size of city</u>												
Under 25,000 inhabitants	5/13	9,355	137.5	81.4	13.1	1.21	2.15	3.77	2.56	1.62	10.01	9.91
25,000 and over	6/8	3,471	148.1	86.5	9.8	1.34	2.30	3.96	2.62	1.66	11.50	13.77
<u>The South by size of city</u>												
Under 25,000 inhabitants	7/6	819	155.8	74.6	16.2	.98	1.89	2.42	1.44	.53	3.88	6.69
25,000 to 99,999	6	2,976	144.6	93.2	15.0	1.00	2.09	2.99	1.99	.90	4.20	2.77
1/ Biennial-census totals for the industry: Establishments, 37; wage earners, 16,739; wages, \$24,008,619.												
2/ Pa., 9 estab.; Mich., 1; Ohio, 4; Ind., 2; Ill., 1. 3/ Minn., 1 estab.; Mo., 2; Calif., 1.												
4/ Tenn., 1 estab.; Ark., 1; La., 1; Okla., 2. 5/ "Under 10,000" group, 6 estab.; 10,000-24,999 group, 7.												
6/ 25,000-99,999 group, 3 estab.; 100,000-499,999 group, 3; "500,000 and over" group, 2.												
7/ "Under 10,000" group, 4 estab.; 10,000-24,999 group, 2.												

GLASS CONTAINERS

Total for man-hour tabulations	1/69	1/24,738	162.5	67.9	14.0	1.19	2.01	3.16	1.97	1.15	7.28	5.46
The North (Districts A and B)	44	18,184	163.2	67.6	12.3	1.19	1.99	3.01	1.82	1.02	6.92	5.06
The South (Districts C and D)	18	4,993	161.3	64.2	17.7	1.18	2.00	3.34	2.16	1.34	8.40	6.62
The West (District E)	7	1,561	157.7	83.8	22.3	1.28	2.34	4.41	3.13	2.07	8.05	6.37

TABLE 3.--AVERAGES PER MAN-HOUR, BY DISTRICTS AND STATES AND BY SIZE CLASSES, FOR SELECTED

ESTABLISHMENTS IN 171 INDUSTRIES: 1939--Continued

District, State, and class	Estab-lish-ments	Wage earners (average for year)	Hours per month	Per wage-earner man-hour								Horse-power per W. E.
				Wage earnings cents	Salary costs, cents	Cost mate-rials	Prime cost	Value prod-ucts	Value added	V. P. minus P. C.	Electric energy used, kWh	
GLASS CONTAINERS---Continued												
By districts and States												
District A, total	25	8,394	165.5	66.4	10.3	\$1.18	\$1.95	\$2.86	\$1.68	\$.91	6.26	4.80
New York	7	1,373	177.0	62.7	9.9	1.31	2.04	2.76	1.45	.72	4.30	4.03
New Jersey	7	3,386	159.4	65.4	11.9	1.01	1.79	2.68	1.67	.89	7.80	4.67
Pennsylvania	11	3,635	166.9	68.7	9.0	1.27	2.05	3.05	1.78	1.00	5.67	5.21
District B, total	19	9,790	161.2	68.8	14.0	1.19	2.02	3.13	1.94	1.11	7.49	5.28
Ohio	4	1,688	166.4	72.9	9.0	.98	1.80	2.66	1.68	.86	6.48	4.27
Indiana	9	4,577	157.9	65.0	14.5	1.38	2.17	3.14	1.76	.97	6.16	4.61
Illinois and Washington	2/6	3,525	163.0	71.5	15.9	1.07	1.95	3.36	2.29	1.41	9.67	6.64
District C, total	10	3,737	161.6	66.9	18.4	1.09	1.94	3.46	2.37	1.52	9.22	7.18
Maryland	4	1,260	172.6	56.2	21.9	.68	1.46	2.27	1.59	.81	6.32	4.69
West Virginia and Tennessee	3/6	2,477	156.0	73.0	16.5	1.33	2.22	4.14	2.81	1.92	10.86	8.45
District D, total	8	1,256	160.3	56.3	15.6	1.46	2.18	2.98	1.52	.80	5.92	4.24
South Carolina, Mississippi, and Texas	4/3	606	163.0	56.4	15.2	1.50	2.21	3.25	1.75	1.04	6.07	3.53
Oklahoma	5	650	157.7	56.1	16.1	1.42	2.14	2.71	1.29	.57	5.79	6.25
District E--California	7	1,561	157.7	83.8	22.3	1.28	2.34	4.41	3.13	2.07	8.05	6.37
By size of plant												
1 to 100 wage earners	5/10	597	164.0	59.4	18.0	1.49	2.27	3.12	1.63	.85	5.32	6.46
101 to 500	43	10,724	164.7	65.4	15.3	1.16	1.97	2.99	1.83	1.02	5.59	4.66
501 to 2,500	16	13,417	160.6	70.4	12.7	1.20	2.03	3.30	2.10	1.27	8.76	6.05
The North by size of city												
Under 10,000 inhabitants	14	5,023	155.7	66.0	12.4	1.25	2.04	3.18	1.93	1.14	7.41	4.63
10,000 to 24,999	9	3,439	164.5	66.5	11.2	1.12	1.90	3.37	2.25	1.47	8.41	5.71
25,000 to 99,999	12	8,049	166.0	69.9	12.2	1.19	2.01	2.84	1.65	.83	6.23	5.14
100,000 and over	6/9	1,673	170.0	63.7	14.5	1.12	1.90	2.55	1.43	.65	5.83	4.60
The South by size of city												
Under 10,000 inhabitants	3	424	151.1	61.2	15.3	1.74	2.51	3.62	1.88	1.11	4.78	6.06
10,000 to 24,999	4	1,430	151.2	69.6	14.8	1.19	2.03	3.19	2.00	1.16	7.87	6.44
25,000 to 499,999	7/7	1,879	163.6	66.8	17.4	1.43	2.27	4.16	2.73	1.89	11.00	8.17
500,000 and over	4	1,260	172.6	56.2	21.9	.68	1.46	2.27	1.59	.81	6.32	4.69
1/ Biennial-census totals for the industry: Establishments, 77; wage earners, 25,753; wages, \$34,181,498.												
2/ Ill., 5 estab.; Wash., 1. 3/ W. Va., 5 estab.; Tenn., 1. 4/ S. C., 1 estab.; Miss., 1; Tex., 1.												
5/ 1-20 group, 2 estab.; 21-100 group, 8. 6/ 100,000-499,999 group, 7 estab.; "500,000 and over" group, 2.												
7/ 25,000-99,999 group, 6 estab.; 100,000-499,999 group, 1.												

TABLEWARE, PRESSED OR BLOWN GLASS AND GLASSWARE NOT ELSEWHERE CLASSIFIED

Total for man-hour tabulations	1/83	1/24,067	152.0	60.9	13.8	.55	1.30	2.00	1.45	.70	3.00	2.49
The North (Districts A and B)	54	20,139	154.3	59.8	13.9	.56	1.30	2.03	1.47	.73	3.02	2.50
The South (District C)	22	3,735	138.5	67.3	12.8	.49	1.29	1.86	1.37	.57	2.96	2.44
The West (District D)	7	193	169.7	61.6	19.3	.51	1.32	1.63	1.12	.31	1.76	2.58
By districts and States												
District A, total	32	10,789	154.1	60.6	14.6	.47	1.22	1.99	1.52	.77	2.45	2.19
Massachusetts, Rhode Island, New York, New Jersey	2/12	4,801	156.7	64.3	19.2	.42	1.26	2.12	1.70	.86	2.72	1.92
Pennsylvania	20	5,988	151.9	57.6	10.8	.51	1.20	1.89	1.38	.69	2.22	2.40
District B, total	22	9,350	154.5	59.0	13.1	.67	1.39	2.07	1.40	.68	3.68	2.86
Ohio	13	7,561	153.4	57.2	13.2	.69	1.39	2.14	1.45	.75	3.83	2.84
Indiana	6	1,377	160.6	65.8	12.9	.55	1.34	1.76	1.21	.42	3.57	3.20
Illinois	3	412	155.2	68.1	11.4	.67	1.47	1.86	1.19	.39	1.37	2.09
District C, total	22	3,735	138.5	67.3	12.8	.49	1.29	1.86	1.37	.57	2.96	2.44
West Virginia	16	3,388	137.7	69.2	12.9	.49	1.31	1.88	1.39	.57	3.09	2.49
Tennessee, Arkansas, Oklahoma, and Texas	2/6	347	145.8	49.8	12.2	.42	1.04	1.64	1.22	.60	1.70	1.93
District D--California	7	193	169.7	61.6	19.3	.51	1.32	1.63	1.12	.31	1.76	2.58
By size of plant												
1 to 20 wage earners	12	130	149.7	51.1	9.6	.70	1.31	1.68	.98	.37	1.47	9.03
21 to 100	21	1,134	156.1	59.3	13.6	.47	1.20	1.57	1.10	.37	.95	1.50
101 to 500	39	9,351	151.7	61.9	12.4	.56	1.30	2.27	1.71	.97	2.48	2.54
501 to 2,500	11	13,452	151.8	60.5	14.8	.55	1.31	1.86	1.31	.55	3.55	2.48
The North by size of city												
Under 10,000 inhabitants	17	4,391	152.9	59.5	11.8	.44	1.15	2.13	1.69	.98	2.00	2.09
10,000 to 24,999	19	10,650	151.7	60.2	15.3	.56	1.31	1.99	1.43	.68	3.40	2.44
25,000 to 99,999	6	1,293	145.5	62.3	15.8	.65	1.43	1.90	1.25	.47	3.61	4.23
100,000 to 499,999	4	2,468	167.0	56.2	12.8	.69	1.38	1.74	1.05	.36	3.69	2.90
500,000 and over (West is mostly this city-size)	8	1,337	164.6	63.1	10.6	.67	1.41	2.66	1.99	1.25	1.59	1.87
The South by size of city												
Under 10,000 inhabitants	12	1,160	136.0	60.5	15.3	.34	1.10	1.51	1.17	.41	1.24	1.35
10,000 to 499,999	4/10	2,575	139.6	70.3	11.7	.55	1.37	2.01	1.46	.64	3.71	2.93

1/ Biennial-census totals for the industry: Establishments, 115; wage earners, 27,330; wages, \$30,111,795.
 2/ Mass., 1 estab.; R. I., 1; N. Y., 8; N. J., 2. 3/ Tenn., 1 estab.; Ark., 1; Okla., 3; Tex., 1.
 4/ 10,000-24,999 group, 5 estab.; 25,000-99,999 group, 4; 100,000-499,999 group, 1.

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[illegible]

PRIMARY SMELTING AND REFINING OF NONFERROUS METALS												
Total for man-hour tabulations	1/39	1/19,334	171.2	67.6	16.2	15.47	16.31	18.10	2.63	1.79	94.18	23.75
Copper smelting and refining	11	7,631	178.5	67.3	16.0	25.07	25.90	27.26	2.19	1.36	24.96	19.03
Lead smelting and refining	10	2,546	172.0	64.5	21.6	28.54	29.40	30.78	2.24	1.38	12.84	14.23
Zinc, aluminum, and antimony	18	9,157	164.8	68.8	14.8	3.01	3.84	6.15	3.14	2.31	180.25	30.34
<u>All 5 products, jointly</u>												
The North (Districts A and B)	17	9,689	165.2	72.5	16.6	13.52	14.41	15.89	2.37	1.48	86.00	11.93
The South (District C)	10	4,331	173.7	61.0	15.6	10.16	10.93	13.35	3.19	2.42	199.31	50.80
The West (District D)	12	5,314	180.1	64.5	16.1	22.89	23.70	25.53	2.64	1.83	25.19	23.28
<u>By districts and States</u>												
District A---New York, New Jersey, Pennsylvania	2/7	6,930	165.9	75.4	16.8	14.99	15.91	17.50	2.51	1.59	116.49	13.26
District B, total	10	2,759	163.5	65.2	16.0	9.77	10.58	11.78	2.01	1.20	8.26	8.58
Michigan, Ohio, and Indiana	2/3	388	165.0	56.2	22.6	18.58	19.37	21.83	3.25	2.46	16.25	14.28
Illinois, Missouri, and Nebraska	4/7	2,371	163.2	66.7	14.9	8.32	9.13	10.12	1.80	.99	6.95	7.65
District C, total	10	4,331	173.7	61.0	15.6	10.16	10.93	13.35	3.19	2.42	199.31	50.80
Maryland, West Virginia, North Carolina, Tennessee	5/5	3,008	174.4	63.7	16.4	11.98	12.78	15.98	4.00	3.20	282.29	68.70
Arkansas, Oklahoma, and Texas	6/5	1,323	172.2	54.9	13.8	5.96	6.65	7.28	1.32	.63	8.17	10.12
District D---Mont., Idaho, Wash., Colo., Utah, Nev., Ariz., and Calif.	2/12	5,314	180.1	64.5	16.1	22.89	23.70	25.53	2.64	1.83	25.19	23.28
<u>By size of plant</u>												
21 to 500 wage earners	8/27	6,669	171.4	64.9	19.1	15.67	16.51	18.46	2.79	1.95	47.15	17.32
501 to 2,500	12	12,665	171.1	69.0	14.7	15.36	16.20	17.91	2.55	1.71	118.99	27.14
<u>The North by size of city</u>												
Under 10,000 inhabitants	7	4,089	156.0	73.1	13.1	3.11	3.97	5.10	1.99	1.13	20.90	14.81
10,000 to 499,999	9/10	5,600	171.9	72.1	18.9	20.42	21.33	23.04	2.62	1.71	129.13	9.82
1/ Biennial-census totals for the industry: Establishments, 63; wage earners, 27,630; wages, \$38,411,086.												
2/ N. Y., 2 estab.; H. J., 2; Pa., 3. 3/ Mich., 1 estab.; Ohio, 1; Ind., 1. 4/ Ill., 5 estab.; Mo., 1; Nebr., 1.												
5/ Md., 1 estab.; W. Va., 2; N. C., 1; Tenn., 1. 6/ Ark., 1 estab.; Okla., 1; Tex., 3.												
7/ Mont., 2 estab.; Idaho, 1; Wash., 1; Colo., 1; Utah, 3; Nev., 1; Ariz., 2; Calif., 1. 8/ 21-100 group, 1 estab.; 101-500 group, 26.												
9/ 10,000-24,999 group, 2 estab.; 25,000-99,999 group, 6; 100,000-499,999 group, 2.												

SECONDARY SMELTING AND REFINING OF NONFERROUS METALS, NOT ELSEWHERE CLASSIFIED												
Total for man-hour tabulations	1/56	1/2,769	166.9	61.8	34.3	8.85	9.81	11.22	2.37	1.41	3.96	6.84
The North (Districts A and B)	47	2,497	166.2	62.6	35.3	9.59	10.57	11.92	2.33	1.35	3.51	5.10
The South (District C)	5	143	170.8	53.0	22.5	2.60	3.35	4.32	1.72	.97	6.64	35.29
The West (District D)	4	129	176.0	57.3	27.9	2.06	2.91	5.88	3.82	2.97	9.33	9.09
By districts and States												
District A, total	19	964	174.0	67.2	39.3	9.63	10.69	12.24	2.61	1.55	5.23	5.46
Massachusetts, New York, and New Jersey	2/12	639	174.5	68.5	36.6	10.16	11.21	12.82	2.66	1.61	6.22	5.76
Pennsylvania	7	325	172.8	64.5	44.5	8.58	9.67	11.12	2.54	1.45	3.26	4.86
District B, total	28	1,533	161.3	59.4	32.7	9.57	10.49	11.71	2.14	1.22	2.35	4.87
Michigan, Ohio, and Indiana	3/12	498	176.9	55.5	34.4	9.80	10.70	11.81	2.01	1.11	3.53	4.89
Illinois, Wisconsin, and Missouri	4/16	1,035	153.8	61.6	31.8	9.43	10.37	11.65	2.22	1.28	1.69	4.87
District C—Del., N. C., Fla., Tenn., Okla.	5/5	143	170.8	53.0	22.5	2.60	3.35	4.32	1.72	.97	6.64	35.29
District D—Colorado, Washington, California	6/4	129	176.0	57.3	27.9	2.06	2.91	5.88	3.82	2.97	9.33	9.09

TABLE 3.---AVERAGES PER MAN-HOUR, BY DISTRICTS AND STATES AND BY SIZE CLASSES, FOR SELECTED

ESTABLISHMENTS IN 171 INDUSTRIES: 1939---Continued

District, State, and class	Estab-lish-ments	Wage earners (average for year)	Hours per month	Per wage-earner man-hour								Electric energy used, kWh	Horse-power per W. E.
				Wage earnings cents	Salary costs, cents	Cost materials	Prime cost	Value products	Value added	V. P. minus P. C.			
SECONDARY SMELTING AND REFINING OF NONFERROUS METALS, NOT ELSEWHERE CLASSIFIED---Continued													
By size of plant													
1 to 20 wage earners	30	253	178.8	52.8	48.6	\$10.24	\$11.26	\$12.73	\$2.49	\$1.47	1.14	4.51	
21 to 100	20	1,370	172.7	60.6	36.1	7.75	8.72	10.45	2.70	1.73	4.92	8.44	
101 to 500	6	1,146	157.2	65.7	28.4	9.95	10.89	11.87	1.92	.98	3.42	5.45	
The North by size of city													
Under 10,000 inhabitants	5	510	144.0	67.7	27.5	6.98	7.93	8.79	1.81	.86	4.58	8.62	
10,000 to 99,999	7/8	504	171.3	59.8	37.5	7.49	8.46	9.50	2.01	1.04	4.21	4.59	
100,000 to 499,999	8	179	176.1	56.2	38.8	11.28	12.23	13.57	2.29	1.34	2.58	4.75	
500,000 and over	26	1,304	171.5	62.8	36.6	11.02	12.01	13.65	2.63	1.64	3.02	3.97	
1/ Biennial-census totals for the industry: Establishments, 108; wage earners, 3,608; wages, \$4,366,477.													
2/ Mass., 3 estab.; N. Y., 3; N. J., 6. 3/ Mich., 4 estab.; Ohio, 5; Ind., 3. 4/ Ill., 14 estab.; Wis., 1; Mo., 1.													
5/ Del., 1 estab.; N. C., 1; Fla., 1; Tenn., 1; Okla., 1. 6/ Colo., 2 estab.; Wash., 1; Calif., 1.													
7/ 10,000-24,999 group, 2 estab.; 25,000-99,999 group, 6.													
ALUMINUM WARE, KITCHEN, HOSPITAL, AND HOUSEHOLD (EXCEPT ELECTRICAL APPLIANCES)													
Total for man-hour tabulations	1/32	1/6,297	173.1	59.4	16.8	1.32	2.08	2.84	1.52	.76	2.06	5.16	
By districts and States													
N. Y., N. J., Pa., Mich., Ill., Ga., and Calif.	2/12	1,860	174.0	66.9	18.6	1.74	2.59	3.36	1.62	.77	2.33	3.74	
Ohio	9	1,187	164.1	63.0	17.6	1.41	2.22	2.77	1.36	.55	1.91	5.52	
Wisconsin	11	3,250	175.8	54.0	15.4	1.04	1.74	2.56	1.52	.82	1.95	5.84	
By size of plant													
1 to 20 wage earners	8	79	140.0	54.2	23.0	.95	1.73	2.60	1.65	.87	1.31	3.10	
21 to 100	13	751	169.9	46.0	19.2	1.29	1.94	2.68	1.39	.74	1.52	5.78	
101 to 2,500	3/11	5,467	174.0	61.3	16.4	1.32	2.10	2.86	1.54	.76	2.14	5.10	
By size of city													
Under 10,000 inhabitants	12	968	157.7	49.8	15.3	1.31	1.96	3.02	1.71	1.06	1.71	5.50	
10,000 to 99,999	4/13	4,625	176.4	60.1	16.7	1.30	2.07	2.82	1.52	.75	2.12	5.27	
100,000 and over	5/7	704	172.5	67.4	18.9	1.44	2.31	2.74	1.30	.43	2.11	3.99	
1/ All establishments in the industry as covered by the biennial census.													
2/ N. Y., 1 estab.; N. J., 1; Pa., 2; Mich., 1; Ill., 4; Ga., 1; Calif., 2. 3/ 101-500 group, 6 estab.; 501-2,500 group, 5.													
4/ 10,000-24,999 group, 9 estab.; 25,000-99,999 group, 4. 5/ 100,000-499,999 group, 3 estab.; "500,000 and over" group, 4.													
ALUMINUM PRODUCTS (INCLUDING ROLLING AND DRAWING AND EXTRUDING), NOT ELSEWHERE CLASSIFIED													
Total for man-hour tabulations	1/95	1/16,431	170.4	73.0	17.9	3.07	3.98	4.85	1.78	.87	7.06	9.36	
The North (First 3 groups of States below)	84	16,020	170.5	73.0	18.1	3.12	4.04	4.91	1.79	.87	7.18	9.52	
The West (4th group)	11	411	166.4	76.5	13.3	.71	1.61	2.43	1.72	.82	2.20	3.08	
By districts and States													
Massachusetts, Rhode Island, and Connecticut	2/6	740	168.2	76.5	11.1	1.27	2.14	3.35	2.08	1.21	2.22	2.53	
N. Y., N. J., Pa., W. Va., Ohio, Mich., Wis., Minn.	3/56	10,712	167.2	78.5	21.8	3.23	4.23	4.96	1.73	.73	6.25	9.63	
Ind., Ill., Mo., Nebr., Ky., Tenn., Okla., Tex.	4/22	4,568	178.6	60.2	11.0	3.18	3.89	5.04	1.86	1.15	9.97	10.39	
Utah, Washington, and California	5/11	411	166.4	76.5	13.3	.71	1.61	2.43	1.72	.82	2.20	3.08	
The North by size of city #													
Under 100,000 inhabitants	6/37	11,199	170.9	71.2	17.9	3.42	4.31	5.21	1.79	.90	8.84	11.17	
100,000 to 499,999	15	496	175.7	64.0	17.1	2.95	3.76	4.69	1.74	.93	6.06	12.41	
500,000 and over	32	4,325	168.7	78.7	18.5	2.37	3.34	4.14	1.77	.80	2.95	4.91	
1/ Biennial-census totals for the industry: Establishments, 162; wage earners, 17,249; wages, \$25,539,148.													
2/ Mass., 2 estab.; R. I., 1; Conn., 3. 3/ N. Y., 9 estab.; N. J., 5; Pa., 10; W. Va., 1; Ohio, 10; Mich., 14; Wis., 6; Minn., 1.													
4/ Ind., 3 estab.; Ill., 7; Mo., 2; Nebr., 2; Ky., 4; Tenn., 1; Okla., 2; Tex., 1. 5/ Utah, 1 estab.; Wash., 2; Calif., 8.													
6/ "Under 10,000" group, 13 estab.; 10,000-24,999 group, 13; 25,000-99,999 group, 11. # No data by size of plant can be given.													
ALLOYING AND ROLLING AND DRAWING OF NONFERROUS METALS, EXCEPT ALUMINUM													
Total for man-hour tabulations	1/113	1/34,926	177.1	68.0	15.2	3.11	3.94	5.03	1.92	1.09	8.24	12.00	
The North (Districts A, B, C, and D)	100	33,613	177.4	68.2	15.0	3.05	3.88	4.96	1.91	1.08	8.32	11.64	
The South (District E)	7	1,001	167.2	64.0	17.1	3.57	4.38	5.59	2.02	1.21	6.80	24.37	
The West (District F)	6	312	177.0	68.3	30.2	7.98	8.96	10.76	2.78	1.80	4.66	11.14	
By districts and States													
District A, total	29	17,896	176.9	67.1	15.3	2.13	2.96	4.05	1.92	1.09	7.27	10.24	
Massachusetts	6	637	179.9	64.7	19.9	2.20	3.04	4.08	1.88	1.04	4.57	14.27	
Rhode Island	4	982	174.9	63.1	18.8	4.91	5.73	6.61	1.70	.88	4.20	12.18	
Connecticut	19	16,277	176.9	67.4	14.9	1.97	2.79	3.90	1.93	1.11	7.56	9.97	
District B, total	35	8,143	174.8	68.5	13.4	4.62	5.44	6.36	1.74	.92	7.61	13.56	
New York	16	4,846	173.6	67.8	13.1	3.72	4.52	5.53	1.81	1.01	8.03	13.79	
New Jersey	5	1,789	179.2	76.4	10.9	8.46	9.33	10.37	1.91	1.04	9.51	18.88	
Pennsylvania	14	1,508	173.6	61.1	17.2	2.82	3.60	4.09	1.27	.49	3.95	6.50	
District C, total	32	7,435	181.4	70.4	15.9	3.43	4.29	5.45	2.02	1.16	11.53	12.67	
Michigan	13	3,011	182.5	75.2	19.2	3.15	4.09	5.43	2.28	1.34	16.31	13.98	
Ohio and Indiana	2/7	1,738	177.4	68.8	16.6	4.10	4.95	5.58	1.48	.63	8.68	12.17	
Illinois and Wisconsin	3/12	2,686	182.7	66.0	11.8	3.32	4.10	5.38	2.06	1.28	7.96	11.53	
District D---Missouri and Kansas	4/4	139	171.0	61.8	18.9	9.75	10.56	13.84	4.09	3.28	8.15	24.43	
District E---Maryland, Virginia, Georgia, Texas	5/7	1,001	167.2	64.0	17.1	3.57	4.38	5.59	2.02	1.21	6.80	24.37	
District F---Washington and California	6/6	312	177.0	68.3	30.2	7.98	8.96	10.76	2.78	1.80	4.66	11.14	

ESTABLISHMENTS IN 171 INDUSTRIES: 1939—Continued

District, State, and class	Estab-lish-ments	Wage earners (average for year)	Hours per month	Per wage-earner man-hour							V. P. minus P. C.	Electric energy used, KWH	Horse-power per W. E.
				Wage earnings cents	Salary costs, cents	Cost materials	Prime cost	Value products	Value added				
ALLOYING AND ROLLING AND DRAWING OF NONFERROUS METALS, EXCEPT ALUMINUM---Continued													
By size of plant													
1 to 20 wage earners	39	393	175.1	60.5	63.1	\$13.45	\$14.68	\$17.07	\$3.62	\$2.39	1.89	9.55	
21 to 100	26	1,334	175.4	62.1	26.7	4.31	5.20	6.54	2.23	1.34	3.25	10.31	
101 to 500	30	7,622	173.3	66.2	18.7	4.06	4.91	5.82	1.76	.91	10.14	12.19	
501 and over	7/18	25,577	178.3	69.0	12.8	2.61	3.43	4.53	1.92	1.10	8.05	12.07	
The North by size of city													
Under 10,000 inhabitants	10	3,319	169.7	63.4	12.9	3.24	4.00	4.68	1.44	.68	7.05	9.73	
10,000 to 99,999	8/31	19,164	175.4	67.9	14.2	2.55	3.37	4.48	1.93	1.11	8.96	10.47	
100,000 to 499,999	14	4,659	184.8	68.1	14.3	3.98	4.80	5.79	1.81	.99	7.89	14.49	
500,000 and over	45	6,471	181.8	71.3	18.7	3.70	4.60	5.83	2.13	1.23	7.39	14.05	
1/ Biennial-census totals for the industry: Establishments, 188; wage earners, 38,816; wages \$56,282,378.													
2/ Ohio, 5 estab.; Ind., 2. 3/ Ill., 9 estab.; Wis., 3. 4/ Mo., 3 estab.; Kans., 1.													
5/ Md., 4 estab.; Va., 1; Ga., 1; Tex., 1. 6/ Wash., 1 estab.; Calif., 5.													
7/ 501-2,500 group, 17 estab.; "2,500 and over" group, 1. 8/ 10,000-24,999 group, 7 estab.; 25,000-99,999 group, 24.													
NONFERROUS METAL FOUNDRIES, EXCEPT ALUMINUM													
Total for man-hour tabulations	1/349	1/6,950	165.4	65.1	21.1	1.58	2.44	2.98	1.40	.54	1.47	3.46	
The North (Districts A, B, C, and D)	274	5,863	164.1	65.7	21.4	1.51	2.39	2.93	1.42	.54	1.53	3.45	
The South (Districts E and F)	29	527	176.9	55.0	19.9	1.96	2.71	3.26	1.30	.55	1.44	4.22	
The West (District G)	46	560	167.4	68.2	18.8	1.84	2.71	3.19	1.35	.48	.90	2.90	
By districts and States													
District A, total	44	617	174.9	60.8	18.2	1.21	2.00	2.37	1.16	.37	.78	2.46	
New Hampshire, Vermont, and Massachusetts	2/20	279	175.8	69.9	21.4	1.51	2.42	2.81	1.30	.39	.81	2.46	
Rhode Island and Connecticut	3/24	338	174.2	53.2	15.5	.97	1.66	2.00	1.03	.34	.76	2.46	
District B, total	88	1,726	159.9	64.2	20.9	1.73	2.58	3.23	1.50	.65	2.13	3.61	
New York	30	733	165.6	60.3	24.1	1.36	2.21	2.63	1.27	.42	1.27	3.39	
New Jersey	16	173	166.9	61.3	14.6	1.26	2.02	2.44	1.18	.42	.80	1.80	
Pennsylvania	42	820	153.3	68.7	19.4	2.19	3.07	3.98	1.79	.91	3.27	4.18	
District C, total	129	3,004	165.1	68.2	20.7	1.27	2.16	2.65	1.38	.49	1.37	3.48	
Michigan	16	488	164.1	78.0	20.3	.96	1.95	2.26	1.30	.31	1.77	5.41	
Ohio	52	1,498	164.5	69.4	18.1	1.29	2.17	2.69	1.40	.52	1.31	3.31	
Indiana	10	130	158.8	56.3	19.5	1.19	1.95	2.41	1.22	.46	1.30	2.22	
Illinois	32	521	164.0	60.4	22.3	1.47	2.30	2.72	1.25	.42	.87	2.76	
Wisconsin	19	367	172.2	65.7	30.0	1.33	2.28	2.94	1.61	.66	1.85	3.09	
District D, total	13	516	160.0	62.2	31.7	2.67	3.61	4.40	1.73	.79	1.43	3.88	
Minnesota and Iowa	4/7	160	158.1	59.7	24.0	1.69	2.53	3.11	1.42	.58	1.51	3.96	
Missouri	6	356	160.9	63.3	35.1	3.11	4.09	4.98	1.87	.89	1.39	3.85	
District E, total	14	287	176.9	58.3	17.7	2.89	3.65	3.98	1.09	.33	1.73	4.19	
Delaware, Maryland, and West Virginia	5/9	173	174.0	68.6	23.1	2.45	3.37	3.79	1.34	.42	1.97	5.86	
Kentucky and Tennessee	6/5	114	181.2	43.3	9.7	3.53	4.06	4.26	.73	.20	1.39	1.65	
District F, total	15	240	176.9	51.1	22.6	.85	1.59	2.40	1.55	.81	1.08	4.25	
Georgia, Florida, Alabama, Louisiana, and Arkansas	7/7	76	176.7	46.8	25.1	.91	1.63	1.99	1.08	.36	.50	4.29	
Oklahoma and Texas	8/8	164	177.0	53.0	21.5	.83	1.57	2.59	1.76	1.02	1.36	4.23	
District G, total	46	560	167.4	68.2	18.8	1.84	2.71	3.19	1.35	.48	.90	2.90	
Colorado and Oregon	9/6	51	176.1	63.1	22.5	.98	1.83	2.23	1.25	.40	.53	2.80	
Washington	7	62	174.2	63.3	42.0	1.04	2.09	2.62	1.58	.53	.97	8.11	
California	33	447	165.4	69.5	14.9	2.06	2.90	3.39	1.33	.49	.94	2.19	
By size of plant													
1 to 20 wage earners	263	2,190	166.0	62.6	21.7	1.38	2.22	2.75	1.37	.53	.84	3.17	
21 to 100	77	3,172	166.1	63.3	21.8	1.59	2.44	2.99	1.40	.55	1.43	3.97	
101 to 500	9	1,588	162.9	71.9	18.7	1.85	2.76	3.30	1.45	.54	2.44	2.85	
The North by size of city													
Under 10,000 inhabitants	29	671	158.5	59.5	20.5	1.42	2.22	2.94	1.52	.72	1.65	4.34	
10,000 to 24,999	24	562	165.0	60.4	21.6	1.60	2.42	2.79	1.19	.37	1.25	4.92	
25,000 to 99,999	64	1,093	164.8	66.9	16.9	1.48	2.31	2.91	1.43	.60	2.95	3.57	
100,000 to 499,999	64	1,046	169.6	60.6	20.4	1.23	2.04	2.46	1.23	.42	.88	2.64	
500,000 and over	93	2,491	162.9	70.3	24.1	1.66	2.61	3.18	1.52	.57	1.21	3.16	
The South by size of city													
Under 100,000 inhabitants	10/7	235	179.2	50.6	16.4	2.20	2.87	3.57	1.37	.70	1.60	4.61	
100,000 to 499,999	16	155	174.4	49.3	32.3	1.10	1.92	2.49	1.39	.57	.57	3.71	
500,000 and over	6	137	175.8	69.2	12.1	2.50	3.32	3.57	1.07	.25	2.13	4.12	
The West by size of city													
Under 100,000 inhabitants	11/8	54	146.7	72.4	10.9	1.16	1.99	2.79	1.63	.80	.84	3.93	
100,000 to 499,999	18	278	171.9	68.0	21.2	2.49	3.38	3.79	1.30	.41	.85	2.90	
500,000 and over	20	228	166.8	67.5	17.4	1.16	2.01	2.52	1.36	.51	.98	2.60	

1/ Biennial-census totals for the industry: Establishments, 600; wage earners, 9,699; wages, \$12,210,365.

2/ N. H., 4 estab.; Vt., 1; Mass., 15.

3/ Del., 1 estab.; Md., 6; W. Va., 2.

4/ Okla., 2 estab.; Tex., 6.

5/ "Under 10,000" group, 1 estab.; 10,000-24,999 group, 1; 25,000-99,999 group, 5.

6/ "Under 10,000" group, 2 estab.; 10,000-24,999 group, 2; 25,000-99,999 group, 4.

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3/ R. I., 7 estab.; Conn., 17.

4/ Ky., 3 estab.; Tenn., 2.

5/ Colo., 4 estab.; Oreg., 2.

6/ "Under 10,000" group, 1 estab.; 10,000-24,999 group, 1; 25,000-99,999 group, 5.

7/ "Under 10,000" group, 2 estab.; 10,000-24,999 group, 2; 25,000-99,999 group, 4.

8/ Minn., 4 estab.; Iowa, 3.

9/ Ga., 2 estab.; Fla., 1; Ala., 2; La., 1; Ark., 1.

ESTABLISHMENTS IN 171 INDUSTRIES: 1939---Continued

District, State, and class	Estab- lish- ments	Wage earners (average for year)	Hours per month	Per wage-earner man-hour								Horse- power per W. E.
				Wage earnings cents	Salary costs, cents	Cost mate- rials	Prime cost	Value prod- ucts	Value added	V. F. minus P. C.	Electric energy used, kWh	
BLAST FURNACE PRODUCTS---Continued												
<u>The North by size of city</u>												
Under 10,000 inhabitants	14	2,158	163.2	72.9	15.1	\$9.29	\$10.17	\$11.16	\$1.87	\$.99	13.51	---
10,000 to 24,999	15	3,093	161.9	73.2	13.2	13.29	14.15	15.20	1.91	1.05	14.25	---
25,000 to 99,999	13	3,563	167.0	79.3	11.7	15.65	16.56	19.25	3.60	2.69	32.88	---
100,000 to 499,999	9	2,650	153.5	83.3	16.3	13.56	14.55	15.11	1.55	.56	38.02	---
500,000 and over	14	4,236	167.5	74.4	19.8	10.10	11.04	12.58	2.48	1.54	22.97	---
<u>The South by size of city</u>												
Under 10,000 inhabitants	5	1,212	164.7	65.0	6.2	15.84	16.56	17.45	1.61	.89	23.68	---
10,000 to 99,999	7/4	642	174.6	62.1	6.9	9.25	9.94	11.37	2.12	1.43	7.92	---
100,000 to 499,999	4	1,445	165.2	60.5	9.6	6.23	6.93	7.96	1.73	1.03	24.36	---
1/ Biennial-census totals for the industry: Establishments, 81; wage earners, 19,537; wages, \$28,312,336. 2/ Because some of the manufacturers did not report horsepower data separately for the industries "Blast furnace products" and "Steel works and rolling mills", the average horsepower per wage earner for each industry cannot be given. The average for both industries combined, as shown by the selected man-hour establishments of the two industries, is as follows: For the United States, 23.58 horsepower per wage earner; for the North, 23.89; and for the South, 22.25. 3/ Mass., 1 estab.; Pa., 20. 4/ Mich., 4 estab.; Minn., 2; Colo., 1; Utah, 1. 5/ Md., 1 estab.; W. Va., 2; Va., 1; Ky., 1; Tenn., 1. 6/ 1-20 group, 1 estab.; 21-100 group, 26. 7/ 10,000-24,999 group, 1 estab.; 25,000-99,999 group, 3.												
STEEL WORKS AND ROLLING MILLS												
Total for man-hour tabulations	1/241	1/365,328	154.1	83.6	13.0	2.31	3.28	4.00	1.69	.72	12.54	2/
The North (Districts A, B, C, and D)	208	318,442	152.1	85.0	13.6	2.39	3.38	4.07	1.68	.69	12.36	2/
The South (District E)	23	37,911	168.5	72.8	8.2	1.91	2.72	3.62	1.71	.90	14.32	2/
The West (District F)	10	8,975	163.6	85.0	12.6	1.63	2.61	3.47	1.84	.86	10.84	2/
<u>By districts and States</u>												
District A---Mass., R. I., and Conn.	3/6	3,072	153.3	86.5	25.6	2.41	3.53	4.04	1.63	.51	11.06	---
District B, total	105	155,207	149.0	83.6	13.7	2.04	3.02	3.65	1.61	.63	10.93	---
New York	12	15,292	161.5	81.8	13.1	1.78	2.73	3.61	1.83	.88	15.89	---
New Jersey	6	6,924	158.9	76.3	8.7	.97	1.82	2.15	1.18	.33	6.96	---
Pennsylvania	87	132,991	147.1	84.2	14.1	2.14	3.12	3.74	1.60	.62	10.53	---
District C, total	92	155,465	154.9	86.7	13.3	2.74	3.74	4.48	1.74	.74	13.72	---
Michigan	8	9,851	153.6	89.2	11.3	3.13	4.13	5.50	2.37	1.37	18.85	---
Ohio	42	71,214	152.2	89.9	11.1	3.02	4.03	4.66	1.64	.63	12.73	---
West Virginia	11	13,002	148.4	81.1	7.4	2.01	2.89	3.45	1.44	.56	14.33	---
Indiana	9	36,319	158.0	83.8	17.5	2.41	3.42	4.38	1.97	.96	13.64	---
Illinois	22	25,079	162.2	83.7	17.0	2.64	3.65	4.25	1.61	.60	14.25	---
District D---Wis., Minn., and Mo.	4/5	4,698	158.7	75.7	11.5	1.82	2.69	3.65	1.83	.96	13.25	---
District E, total	23	37,911	168.5	72.8	8.2	1.91	2.72	3.62	1.71	.90	14.32	---
Delaware, Maryland, Virginia, Kentucky, Tennessee	5/11	22,961	174.4	75.8	6.6	1.65	2.48	3.27	1.62	.79	14.29	---
Georgia, Alabama, Oklahoma, and Texas	6/12	14,950	159.5	67.8	10.8	2.33	3.12	4.20	1.87	1.08	14.36	---
District F---Colorado, Washington, California	7/10	8,975	163.6	85.0	12.6	1.63	2.61	3.47	1.84	.86	10.84	---
<u>By size of plant</u>												
1 to 100 wage earners	8/18	962	151.0	70.8	13.8	2.35	3.20	3.85	1.50	.65	6.20	---
101 to 500	75	21,977	150.5	73.6	16.7	2.29	3.19	3.85	1.56	.66	10.78	---
501 to 2,500	109	136,178	153.7	82.9	13.5	2.26	3.23	3.90	1.64	.67	11.37	---
2,501 and over	39	206,211	154.7	85.2	12.2	2.35	3.32	4.08	1.73	.76	13.51	---
<u>The North by size of city</u>												
Under 10,000 inhabitants	47	46,074	146.1	82.4	10.5	2.62	3.55	4.16	1.54	.61	14.12	---
10,000 to 24,999	52	77,477	151.0	84.9	13.4	2.42	3.40	3.97	1.55	.57	11.84	---
25,000 to 99,999	44	93,976	154.7	85.7	14.1	2.08	3.08	3.92	1.84	.84	10.89	---
100,000 to 499,999	27	52,184	153.5	84.6	14.2	2.50	3.49	4.11	1.61	.62	13.43	---
500,000 and over	38	48,731	152.8	86.6	15.3	2.61	3.62	4.37	1.76	.75	13.27	---
<u>The South by size of city</u>												
Under 25,000 inhabitants	9/8	25,246	174.9	73.9	5.3	1.80	2.59	3.63	1.83	1.04	14.38	---
25,000 to 99,999	5	7,971	153.8	74.8	10.7	1.77	2.63	3.15	1.38	.52	15.33	---
100,000 and over	10/10	4,694	159.2	62.7	21.1	2.77	3.61	4.33	1.56	.72	12.29	---
<u>The West by size of city</u>												
Under 100,000 inhabitants	11/4	6,759	162.4	85.3	11.4	1.59	2.56	3.44	1.85	.88	10.96	---
100,000 and over	12/6	2,216	167.2	84.2	16.2	1.75	2.76	3.55	1.80	.79	10.48	---

1/ Biennial-census totals for the industry: Establishments, 253; wage earners, 368,904; wages, \$569,724,280.
2/ Because some of the manufacturers did not report horsepower data separately for the industries "Blast furnace products" and "Steel works and rolling mills", the average horsepower per wage earner for each industry cannot be given. The average for both industries combined, as shown by the selected man-hour establishments of the two industries, is as follows: For the United States, 23.58 horsepower per wage earner; the North, 23.89; the South, 22.25; and for the West, 18.27. 3/ Mass., 4 estab.; R. I., 1; Conn., 1. 4/ Wis., 2 estab.; Minn., 1; Mo., 2.
5/ Del., 1 estab.; Md., 4; Va., 2; Ky., 3; Tenn., 1. 6/ Ga., 1 estab.; Ala., 9; Okla., 1; Tex., 1.
7/ Colo., 1 estab.; Wash., 2; Calif., 7. 8/ 1-20 group, 1 estab.; 21-100 group, 17.
9/ "Under 10,000" group, 3 estab.; 10,000-24,999 group, 5. 10/ 100,000-499,999 group, 8 estab.; "500,000 and over" group, 2.
11/ "Under 10,000" group, 2 estab.; 10,000-24,999 group, 1; 25,000-99,999 group, 1.
12/ 100,000-499,999 group, 3 estab.; "500,000 and over" group, 3.
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TABLE 3.—AVERAGES PER MAN-HOUR, BY DISTRICTS AND STATES AND BY SIZE CLASSES, FOR SELECTED

ESTABLISHMENTS IN 171 INDUSTRIES: 1939—Continued

District, State, and class	Estab- lish- ments	Wage earners (average for year)	Hours per month	Per wage-earner man-hour								Horse- power per W. E.	
				Wage earnings cents	Salary costs, cents	Cost mate- rials	Prime cost	Value prod- ucts	Value added	V. P. mims P. C.	Electric energy used, kWh		
STEEL CASTINGS													
Total for man-hour tabulations	1/152	1/29,214	159.7	73.1	19.0	.79	\$1.71	\$2.36	\$1.57	.65	8.36	8.63	
The North (Districts A, B, C, and D)	114	26,136	159.1	74.3	18.9	.79	1.72	2.38	1.59	.66	8.01	8.84	
The South (District E)	13	1,302	167.9	50.8	17.6	.57	1.26	1.67	1.10	.41	8.85	7.15	
The West (District F)	25	1,776	162.8	73.3	20.9	.83	1.77	2.52	1.69	.75	13.02	6.64	
By districts and States													
District A—Massachusetts and Connecticut	2/5	379	165.4	74.3	25.8	.82	1.82	2.53	1.71	.71	14.24	14.49	
District B, total	37	8,472	160.1	73.1	18.5	.79	1.70	2.30	1.51	.60	7.17	10.57	
New York	7	1,351	170.9	69.9	21.9	.85	1.76	2.37	1.52	.61	9.66	13.86	
New Jersey and Pennsylvania	3/30	7,121	158.1	73.8	17.8	.77	1.69	2.28	1.51	.59	6.65	9.95	
District C, total	63	15,935	159.3	75.9	19.1	.81	1.76	2.47	1.66	.71	8.36	7.95	
Michigan	11	1,426	151.2	73.7	20.7	.68	1.63	2.09	1.41	.46	11.61	7.14	
Ohio and West Virginia	4/23	4,777	157.0	75.8	21.8	.94	1.92	2.55	1.61	.63	9.35	8.65	
Indiana	6	2,017	171.6	74.1	17.5	.80	1.71	2.39	1.59	.68	5.78	7.31	
Illinois and Wisconsin	5/23	7,715	158.9	76.9	17.5	.76	1.70	2.51	1.75	.81	7.91	7.84	
District D, total	9	1,350	148.7	61.9	17.6	.66	1.46	1.89	1.23	.43	7.27	6.79	
Minnesota and Kansas	6/3	366	167.5	59.7	17.0	.82	1.58	2.12	1.30	.54	12.53	6.28	
Missouri	6	984	141.6	62.9	17.9	.60	1.40	1.79	1.19	.39	4.96	6.98	
District E, total	13	1,302	167.9	50.8	17.6	.57	1.26	1.67	1.10	.41	8.85	7.15	
Delaware and Tennessee	7/4	551	161.6	56.0	17.2	.61	1.34	1.86	1.25	.52	8.44	10.60	
Georgia, Florida, Alabama, Louisiana, and Arkansas	8/5	371	161.4	40.5	15.1	.51	1.06	1.37	.86	.31	5.60	4.23	
Oklahoma and Texas	2/4	380	183.4	53.0	20.3	.59	1.32	1.69	1.10	.37	12.17	4.99	
District F, total	25	1,776	162.8	73.3	20.9	.83	1.77	2.52	1.69	.75	13.02	6.64	
Colorado and Utah	10/3	216	170.7	67.9	19.1	1.01	1.88	2.52	1.51	.64	14.89	7.94	
Washington and Oregon	11/5	367	175.2	77.5	23.0	.95	1.95	3.16	2.21	1.21	12.93	5.69	
California	17	1,193	157.5	72.9	20.5	.75	1.69	2.31	1.56	.62	12.69	6.70	
By size of plant													
1 to 20 wage earners	13	188	165.5	61.6	37.0	.83	1.82	2.68	1.85	.86	8.16	5.89	
21 to 100	53	3,113	164.5	66.2	23.1	.82	1.71	2.34	1.52	.63	11.63	7.90	
101 to 500	73	15,745	161.8	71.8	18.4	.79	1.69	2.23	1.44	.54	9.78	8.24	
501 to 2,500	13	10,168	154.8	77.8	18.1	.77	1.73	2.37	1.80	.84	4.99	9.49	
The North by size of city													
Under 10,000 inhabitants	19	4,482	158.9	70.2	18.1	.79	1.68	2.26	1.47	.58	6.19	8.31	
10,000 to 24,999	17	4,781	150.8	74.6	16.0	.64	1.55	2.48	1.84	.93	5.66	8.74	
25,000 to 99,999	30	6,436	158.6	76.4	18.5	.77	1.72	2.38	1.61	.66	8.18	5.47	
100,000 to 499,999	16	3,080	169.5	75.0	22.3	.83	1.80	2.40	1.57	.60	10.68	9.18	
500,000 and over	32	7,357	160.6	74.5	19.9	.89	1.83	2.39	1.50	.56	9.20	7.70	
The South by size of city													
Under 25,000 inhabitants	12/6	475	151.4	51.4	16.8	.68	1.36	1.94	1.26	.58	7.67	6.69	
25,000 to 499,999	13/7	827	177.4	50.5	18.0	.52	1.20	1.53	1.01	.33	9.43	7.41	
The West by size of city													
Under 100,000 inhabitants	14/4	91	169.3	67.5	15.1	.47	1.29	1.72	1.25	.43	7.44	8.60	
100,000 to 499,999	11	809	171.6	74.7	21.3	.93	1.89	2.85	1.92	.96	14.34	6.68	
500,000 and over	10	876	153.9	72.4	21.0	.77	1.71	2.29	1.52	.58	12.30	6.40	
1/ Biennial-census totals for the industry: Establishments, 164; wage earners, 30,088; wages, \$41,941,774. 2/ Mass., 3 estab.; Conn., 2. 3/ N. J., 2 estab.; Pa., 28. 4/ Ohio, 21 estab.; W. Va., 2. 5/ Ill., 14 estab.; Wis., 9. 6/ Minn., 2 estab.; Kans., 1. 7/ Del., 2 estab.; Tenn., 2. 8/ Ga., 1 estab.; Fla., 1; Ala., 1; Ia., 1; Ark., 1. 9/ Okla., 1 estab.; Tex., 3. 10/ Colo., 2 estab.; Utah, 1. 11/ Wash., 2 estab.; Oreg., 3. 12/ "Under 10,000" group, 5 estab.; 10,000-24,999 group, 1. 13/ 25,000-99,999 group, 1 estab.; 100,000-499,999 group, 6. 14/ "Under 10,000" group, 2 estab.; 25,000-99,999 group, 2.													

GRAY-IRON AND SEMI-STEEL CASTINGS												
Total for man-hour tabulations	1/893	1/52,488	159.1	64.1	13.8	.73	1.51	1.92	1.19	.41	1.85	4.74
The North (Districts A, B, C, and D)	643	44,638	159.0	65.3	13.7	.73	1.52	1.93	1.20	.41	1.92	4.81
The South (Districts E, F, and G)	149	4,374	158.6	49.0	15.5	.67	1.31	1.67	1.00	.36	1.04	3.93
The West (District H)	101	3,476	161.5	67.6	12.7	.79	1.59	2.02	1.23	.43	2.07	4.84
By districts and States												
District A, total	88	4,512	166.5	63.1	15.3	.47	1.25	1.53	1.06	.28	1.01	3.65
Maine, New Hampshire, and Vermont	2/17	527	187.5	61.0	13.2	.37	1.11	1.35	.98	.24	.97	2.82
Massachusetts	48	2,172	163.2	65.8	17.1	.51	1.34	1.64	1.13	.30	1.08	4.17
Rhode Island	5	276	179.5	58.9	5.6	.50	1.14	1.40	.90	.26	.74	3.26
Connecticut	18	1,537	161.8	60.9	15.6	.43	1.19	1.46	1.03	.27	.98	3.27
District B, total	172	9,333	156.8	63.7	13.3	.80	1.57	1.98	1.18	.41	1.55	4.85
New York	58	3,353	161.2	65.0	13.8	.59	1.38	1.74	1.15	.36	1.75	4.54
New Jersey	29	1,926	164.2	61.5	15.1	.57	1.34	1.67	1.10	.33	1.36	4.63
Pennsylvania	85	4,054	149.6	63.5	12.0	1.10	1.86	2.36	1.26	.50	1.48	5.21
District C, total	316	27,927	157.7	67.0	13.6	.76	1.56	1.99	1.23	.43	2.19	4.94
Michigan	62	7,172	147.2	67.3	15.4	.75	1.58	2.02	1.27	.44	3.14	6.61
Ohio	99	9,848	162.8	69.5	11.9	.83	1.64	2.12	1.29	.48	2.07	4.77
Indiana	53	4,363	157.9	63.4	12.5	.55	1.31	1.58	1.03	.27	1.47	3.81
Illinois	70	4,740	159.0	64.9	14.1	.88	1.67	2.13	1.25	.46	1.72	3.77
Wisconsin	32	1,804	167.1	66.3	17.2	.57	1.40	1.76	1.19	.36	2.37	5.00

TABLE 3.---AVERAGES PER MAN-HOUR, BY DISTRICTS AND STATES AND BY SIZE CLASSES, FOR SELECTED

ESTABLISHMENTS IN 171 INDUSTRIES: 1939---Continued

District, State, and class	Estab-lish-ments	Wage earners (average for year)	Hours per month	Per wage-earner man-hour								Horse-power per W. E.
				Wage earnings cents	Salary costs, cents	Cost mate-rials	Prime cost	Value prod-ucts	Value added	V. P. minus P. C.	Electrio energy used, KWH	
GRAY-IRON AND SEMISTEEL CASTINGS---Continued												
District D, total	67	2,866	166.7	57.6	13.9	\$.68	\$1.39	\$1.86	\$1.18	\$.47	1.91	5.23
Minnesota	20	563	169.9	61.4	9.8	.60	1.31	1.93	1.33	.62	1.06	4.19
Iowa	16	597	157.9	63.0	16.4	.72	1.52	1.94	1.22	.42	1.52	6.15
Missouri	25	1,467	167.2	55.3	15.0	.72	1.42	1.84	1.12	.42	2.34	4.98
Nebraska and Kansas	3/6	239	178.1	50.5	11.0	.53	1.15	1.66	1.13	.51	2.27	6.95
District E, total	74	2,408	157.7	50.8	16.3	.77	1.44	1.79	1.02	.35	1.10	4.05
Maryland	11	506	167.9	49.4	22.8	.89	1.61	2.09	1.20	.48	1.03	5.83
Delaware and West Virginia	4/5	219	147.5	65.5	28.5	.76	1.70	1.92	1.16	.22	1.64	6.15
Virginia	18	507	161.7	50.4	11.9	.76	1.39	1.87	1.11	.48	.89	2.81
North Carolina	15	218	158.4	44.1	13.3	.51	1.09	1.36	.65	.27	.57	2.62
Kentucky	9	328	158.9	54.3	13.9	.67	1.36	1.55	.88	.19	1.01	3.34
Tennessee	16	630	149.0	48.1	12.8	.81	1.42	1.70	.89	.28	1.38	3.77
District F, total	43	1,158	167.8	43.7	12.3	.53	1.09	1.45	.92	.36	1.27	3.82
South Carolina	4	101	175.7	42.1	9.9	.27	.79	1.07	.80	.28	.31	1.61
Georgia	14	509	169.6	41.5	11.8	.44	.97	1.26	.82	.29	.76	3.82
Florida	6	83	175.3	49.8	9.0	.40	.99	1.29	.89	.30	.39	2.66
Alabama	10	273	165.8	40.7	11.4	.56	1.08	1.49	.93	.41	1.11	3.88
Mississippi, Louisiana, and Arkansas	5/9	192	158.4	52.5	18.3	.93	1.64	2.22	1.29	.58	3.94	5.40
District G, total	32	808	147.9	51.5	17.8	.58	1.28	1.63	1.05	.35	.50	3.73
Oklahoma	10	149	132.3	51.7	21.1	.53	1.25	1.61	1.08	.36	.45	3.64
Texas	22	659	151.5	51.4	17.1	.59	1.28	1.63	1.04	.35	.51	3.75
District H, total	101	3,476	161.5	67.6	12.7	.79	1.59	2.02	1.23	.43	2.07	4.84
Montana, Colorado, and New Mexico	6/14	479	161.9	64.8	10.9	1.18	1.94	2.50	1.32	.56	1.35	5.98
Utah	7	96	188.3	56.3	22.6	.53	1.32	2.07	1.54	.75	1.46	7.66
Arizona	5	152	185.9	46.6	12.7	.77	1.36	2.05	1.28	.69	.78	4.13
Washington	18	333	145.8	76.3	17.3	.66	1.60	2.14	1.48	.54	3.24	6.65
Oregon	8	151	158.1	66.7	13.8	.78	1.59	1.95	1.17	.36	.90	3.22
California	49	2,265	161.2	69.3	11.9	.74	1.55	1.90	1.16	.35	2.28	4.36
By size of plant												
1 to 20 wage earners	330	3,513	151.5	56.3	14.9	.51	1.22	1.57	1.06	.35	.66	4.87
21 to 100	430	20,951	159.8	61.4	14.5	.60	1.36	1.75	1.15	.39	1.29	4.44
101 to 500	129	24,252	160.8	66.8	13.3	.87	1.67	2.11	1.24	.44	2.32	4.68
501 to 2,500	4	3,772	151.7	68.2	12.2	.72	1.52	1.86	1.14	.34	3.12	6.61
The North by size of city												
Under 10,000 inhabitants	160	10,189	158.8	62.2	12.2	.84	1.59	2.00	1.16	.41	1.68	4.13
10,000 to 24,999	100	6,696	156.0	63.1	14.1	.71	1.48	1.87	1.16	.39	2.26	4.95
25,000 to 99,999	145	9,946	159.9	65.0	14.2	.59	1.39	1.71	1.12	.32	1.92	5.17
100,000 to 499,999	118	7,652	159.0	67.9	15.5	.71	1.54	2.06	1.35	.52	1.76	4.81
500,000 and over	120	10,155	160.1	67.9	13.2	.77	1.58	2.01	1.24	.43	2.05	5.04
The South by size of city												
Under 10,000 inhabitants	23	571	151.2	46.2	10.6	.64	1.21	1.42	.78	.21	1.16	3.15
10,000 to 24,999	26	670	156.0	45.1	20.4	.58	1.24	1.45	.87	.21	.70	4.03
25,000 to 99,999	42	1,181	167.1	50.3	14.9	.62	1.27	1.64	1.02	.37	.85	3.64
100,000 to 499,999	51	1,598	154.2	49.9	15.5	.68	1.33	1.73	1.05	.40	1.31	4.16
500,000 and over	7	354	166.3	51.7	15.9	.97	1.65	2.26	1.29	.61	.99	4.98
The West by size of city												
Under 10,000 inhabitants	7	90	147.7	66.6	4.5	.68	1.39	1.90	1.22	.51	1.31	4.37
10,000 to 24,999	8	134	171.5	65.5	6.1	.69	1.40	1.89	1.20	.49	.88	5.54
25,000 to 99,999	17	542	157.2	63.2	10.6	1.05	1.78	2.25	1.20	.47	1.18	4.72
100,000 to 499,999	47	1,747	159.7	71.1	14.1	.81	1.66	2.04	1.23	.38	3.05	4.96
500,000 and over	22	963	167.2	64.2	12.9	.65	1.42	1.90	1.25	.48	1.08	4.63
1/ Biennial-census totals for the industry: Establishments, 1,161; wage earners, 58,428; wages, \$70,757,944.												
2/ Mo., 5 estab.; N. H., 7; Vt., 5.												
3/ Nebr., 3 estab.; Kans., 3.												
4/ Del., 1 estab.; W. Va., 4.												
5/ Miss., 1 estab.; La., 7; Ark., 1.												
6/ Mont., 1 estab.; Colo., 12; N. Mex., 1.												

MALLEABLE-IRON CASTINGS

Total for man-hour tabulations	1/75	1/17,328	157.9	63.1	12.2	.53	1.28	1.56	1.03	.28	2.54	4.59
The North (Districts A, B, C, and D)	71	16,718	157.8	63.6	12.2	.53	1.29	1.57	1.04	.28	2.57	4.58
The South (District E)	4	610	163.4	49.5	11.4	.34	.95	1.21	.87	.26	1.82	4.77
By districts and States												
District A, total	7	863	155.8	58.6	14.9	.35	1.08	1.46	1.11	.38	1.32	4.19
New Hampshire, Massachusetts, and Rhode Island	2/3	257	138.1	58.4	16.2	.42	1.17	1.38	.96	.21	1.37	2.49
Connecticut	4	606	163.3	58.7	14.4	.32	1.05	1.48	1.16	.43	1.29	4.92
District B---New York, New Jersey, Pennsylvania	3/17	3,607	153.3	59.0	12.4	.43	1.19	1.47	.99	.28	2.82	4.09
District C, total	43	11,720	159.4	65.3	11.8	.57	1.34	1.59	1.02	.25	2.66	4.83
Michigan	6	2,958	157.8	65.6	11.9	.63	1.41	1.55	.92	.14	3.78	5.05
Ohio and Wisconsin	4/17	3,561	161.1	68.0	13.1	.60	1.41	1.73	1.13	.32	3.01	6.57
Indiana	6	1,976	165.7	61.3	10.2	.55	1.27	1.52	.97	.25	1.80	3.50
Illinois	14	3,225	155.2	64.7	11.1	.46	1.22	1.50	1.04	.28	1.76	3.51

ESTABLISHMENTS IN 171 INDUSTRIES: 1939--Continued

District, State, and class	Estab- lish- ments	Wage earners (average for year)	Hours per month	Per wage-earner man-hour								Horse- power per W. E.	
				Wage earnings cents	Salary costs, cents	Cost mate- rials	Prime cost	Value prod- ucts	Value added	V. P. minus P. C.	Electric energy used, KWH		
MALLEABLE-IRON CASTINGS--Continued													
District D---Minn., Iowa, Mo., and Calif. . .	5/4	528	152.8	64.7	17.7	\$.52	\$1.35	\$2.01	\$1.49	\$.66	.84	3.04	
District E---Del., W. Va., S. C., and Tex. . .	6/4	610	163.4	49.5	11.4	.34	.95	1.21	.87	.26	1.82	4.77	
By size of plant													
1 to 100 wage earners	7/14	872	159.4	56.3	19.1	.41	1.16	1.46	1.05	.30	1.17	3.44	
101 to 500	56	12,754	156.9	63.2	12.4	.51	1.27	1.55	1.04	.28	2.45	4.70	
501 to 2,500	5	3,702	161.2	64.4	10.0	.59	1.34	1.58	.99	.24	3.17	4.45	
The North by size of city													
Under 10,000 inhabitants	15	2,918	153.4	63.7	14.1	.58	1.36	1.61	1.03	.25	3.22	4.74	
10,000 to 24,999	14	3,752	159.4	59.2	9.5	.51	1.20	1.44	.93	.24	2.05	3.71	
25,000 to 99,999	20	3,848	158.9	62.0	12.6	.51	1.26	1.52	1.01	.26	2.69	4.65	
100,000 to 499,999	13	2,794	156.7	64.7	13.9	.49	1.28	1.60	1.11	.32	2.28	5.04	
500,000 and over	9	3,406	158.9	69.5	11.9	.58	1.40	1.71	1.13	.31	2.70	4.94	

1/ Biennial-census totals for the industry: Establishments, 83; wage earners, 18,041; wages, \$21,555,489.

2/ N. H., 1 estab.; Mass., 1; R. I., 1.

3/ N. Y., 7 estab.; N. J., 3; Pa., 7.

5/ Minn., 1 estab.; Iowa, 1; Mo., 1; Calif., 1.

7/ 1-20 group, 1 estab.; 21-100 group, 13.

6/ Del., 1 estab.; W. Va., 1; S. C., 1; Tex., 1.

4/ Ohio, 10 estab.; Wis., 7.

CAST-IRON PIPE AND FITTINGS												
Total for man-hour tabulations	1/67	1/15,503	160.7	55.3	9.5	.87	1.52	2.01	1.14	.49	1.89	3.92
The North (Districts A and B)	29	4,878	160.4	64.6	13.9	.98	1.77	2.23	1.25	.46	2.17	3.83
The South (Districts C and D)	33	9,926	160.9	50.0	7.3	.82	1.39	1.91	1.09	.52	1.81	4.11
The West (District E)	5	699	158.4	66.2	10.2	.95	1.72	1.97	1.02	.25	1.01	1.80

By districts and States

District A, total	22	3,922	158.4	63.8	13.5	.98	1.75	2.14	1.16	.39	2.11	2.66
New York	6	341	158.8	52.8	15.1	.66	1.34	1.62	.96	.28	.88	4.08
New Jersey	6	2,247	159.5	68.4	16.5	1.19	2.04	2.52	1.33	.48	2.80	2.59
Pennsylvania	10	1,334	156.4	58.8	8.0	.69	1.36	1.62	.93	.26	1.26	2.41

District B---Mass., Mich., Ohio, Mo., and Utah 2/7 956 168.7 67.6 15.2 1.01 1.84 2.58 1.57 .74 2.39 8.62

District C, total	9	2,476	156.3	52.2	9.3	.74	1.35	1.70	.96	.35	1.37	4.37
Maryland, Virginia, and North Carolina	3/6	1,296	153.1	50.5	12.6	.85	1.48	1.92	1.07	.44	1.59	2.73
Tennessee	3	1,180	159.8	54.0	5.8	.63	1.22	1.47	.84	.25	1.14	6.17

District D, total	24	7,450	162.5	49.3	6.7	.84	1.40	1.98	1.14	.58	1.95	4.02
Georgia and Texas	4/4	251	181.6	42.1	5.1	.65	1.12	1.33	.68	.21	.70	4.04
Alabama	20	7,199	161.8	49.6	6.8	.85	1.41	2.00	1.15	.59	2.00	4.02

District E---California 5 699 158.4 66.2 10.2 .95 1.72 1.97 1.02 .25 1.01 1.80

By size of plant

1 to 100 wage earners	5/20	1,017	164.8	56.8	14.0	.97	1.68	2.20	1.23	.52	1.77	8.41
101 to 500	41	9,808	157.1	54.5	8.0	.77	1.40	1.79	1.02	.39	1.32	2.98
501 to 2,500	6	4,678	167.2	56.5	11.6	1.06	1.74	2.41	1.35	.67	3.04	4.90

The North by size of city

Under 10,000 inhabitants	17	2,212	159.0	62.5	14.9	.89	1.66	2.06	1.17	.40	2.19	4.21
10,000 to 99,999	6/7	1,780	153.6	69.9	14.4	1.31	2.15	2.81	1.50	.66	2.79	3.86
100,000 and over	7/5	886	177.6	60.2	10.7	.63	1.34	1.60	.97	.26	1.06	2.79

The South by size of city

Under 10,000 inhabitants	4	1,090	150.9	46.2	5.0	.76	1.27	1.67	.91	.40	1.40	2.20
10,000 to 99,999	8/15	4,430	157.8	47.6	5.3	.75	1.28	1.70	.95	.42	1.34	2.96
100,000 and over	9/14	4,406	166.6	53.1	9.8	.89	1.52	2.16	1.27	.64	2.35	5.74

1/ Biennial-census totals for the industry: Establishments, 74; wage earners, 16,488; wages, \$17,483,095.

2/ Mass., 1 estab.; Mich., 1; Ohio, 3; Mo., 1; Utah, 1.

3/ Md., 2 estab.; Va., 3; N. C., 1.

4/ Ga., 2 estab.; Tex., 2.

5/ 1-20 group, 2 estab.; 21-100 group, 18.

6/ 10,000-24,999 group, 6 estab.; 25,000-99,999 group, 1.

7/ 100,000-499,999 group, 4 estab.; "500,000 and over" group, 1.

8/ 10,000-24,999 group, 2 estab.; 25,000-99,999 group, 13.

9/ 100,000-499,999 group, 12 estab.; "500,000 and over" group, 2.

WROUGHT PIPE, WELDED AND HEAVILY RIVETED, MADE IN PLANTS NOT OPERATED IN CONNECTION WITH ROLLING MILLS

Total for man-hour tabulations	1/40	1/7,984	156.2	78.3	17.9	2.67	3.63	4.84	2.17	1.21	4.84	9.62
The North (Districts A and B)	31	7,746	156.2	78.7	17.9	2.69	3.66	4.88	2.19	1.22	4.94	9.71
The West (District C)	9	238	157.4	67.3	18.0	1.82	2.67	3.37	1.55	.70	1.71	6.85

By districts and States

District A, total	14	4,245	142.4	79.4	14.1	3.37	4.31	5.37	2.00	1.06	4.50	6.23
Massachusetts, New York, and New Jersey	2/4	460	155.6	66.6	23.6	3.24	4.14	5.57	2.33	1.43	6.46	10.28
Pennsylvania	10	3,785	140.8	81.1	12.8	3.39	4.33	5.35	1.96	1.02	4.23	5.74

District B, total	17	3,501	172.9	77.9	21.7	2.02	3.01	4.39	2.37	1.38	5.38	13.93
Michigan	5	1,710	163.2	84.3	27.3	1.71	2.83	3.92	2.21	1.09	4.04	5.97
Ohio	4	550	171.6	70.6	27.8	2.66	3.65	5.32	2.66	1.67	5.38	8.07
Illinois	3	457	178.5	79.1	12.9	1.77	2.69	3.64	1.87	.95	2.54	9.98
Indiana, Wisconsin, and Texas	3/5	784	191.7	70.0	12.5	2.32	3.14	5.09	2.77	1.95	9.41	3.77

District C---Washington and California 4/9 238 157.4 67.3 18.0 1.82 2.67 3.37 1.55 .70 1.71 6.85

TABLE 3.---AVERAGES PER MAN-HOUR, BY DISTRICTS AND STATES AND BY SIZE CLASSES, FOR SELECTED

ESTABLISHMENTS IN 171 INDUSTRIES: 1939---Continued

District, State, and class	Estab- lish- ments	Wage earners (average for year)	Hours per month	Per wage-earner man-hour								Horse- power per W. E.
				Wage earnings cents	Salary costs, cents	Cost mate- rials	Prime cost	Value prod- ucts	Value added	V. P. minus P. C.	Electric energy used, KWH	
WROUGHT PIPE, WELDED AND HEAVILY RIVETED, MADE IN PLANTS NOT OPERATED IN CONNECTION WITH ROLLING MILLS---Continued												
<u>By size of plant</u>												
1 to 20 wage earners	4	31	139.4	65.5	16.9	\$2.41	\$3.23	\$5.22	\$2.81	\$1.99	1.95	10.58
21 to 100	14	788	160.0	65.1	18.7	1.93	2.76	3.52	1.59	.76	2.03	7.84
101 to 500	19	4,794	160.7	78.8	18.6	2.85	3.82	5.21	2.36	1.39	5.42	12.25
501 to 2,500	3	2,371	146.1	82.2	16.0	2.56	3.54	4.49	1.93	.95	4.60	4.90
<u>The North by size of city</u>												
Under 10,000 inhabitants	6	946	158.2	73.5	13.4	3.24	4.11	5.45	2.21	1.34	2.91	5.81
10,000 to 24,999	5	1,159	147.1	82.6	15.0	3.12	4.09	5.04	1.92	.95	5.19	6.80
25,000 to 99,999	8	1,510	148.2	74.9	18.5	2.44	3.38	4.31	1.87	.93	2.30	6.52
100,000 and over	5/12	4,131	161.2	80.1	19.5	2.55	3.55	4.91	2.36	1.36	6.21	12.58
<u>The West by size of city</u>												
Under 100,000 inhabitants	6/4	97	174.7	64.9	17.0	2.33	3.15	3.64	1.31	.49	1.57	4.79
100,000 and over	7/5	141	145.5	69.3	18.8	1.39	2.27	3.14	1.75	.87	1.82	8.27
1/ Biennial-census totals for the industry: Establishments, 49; wage earners, 8,370; wages, \$12,306,077.												
2/ Mass., 1 estab.; N. Y., 2; N. J., 1. 3/ Ind., 3 estab.; Wis., 1; Tex., 1. 4/ Wash., 1 estab.; Calif., 8.												
5/ 100,000-499,999 group, 1 estab.; "500,000 and over" group, 11. 6/ "Under 10,000" group, 1 estab.; 25,000-99,999 group, 3.												
7/ 100,000-499,999 group, 2 estab.; "500,000 and over" group, 3.												

COLD-ROLLED STEEL SHEETS AND STRIP AND COLD-FINISHED STEEL BARS MADE IN PLANTS NOT OPERATED IN CONNECTION WITH HOT-ROLLING MILLS

Total for man-hour tabulations 1/43 1/5,644 167.4 72.1 20.8 4.00 4.93 6.21 2.21 1.28 6.83 17.50

By districts and States

District A, total	7	699	182.8	63.1	20.5	4.06	4.89	6.45	2.39	1.56	11.88	25.60
Massachusetts	4	146	171.7	71.0	28.6	3.47	4.47	6.52	3.05	2.05	12.16	13.95
Connecticut	3	553	185.8	61.2	18.6	4.20	4.99	6.43	2.23	1.44	11.81	28.68
District B, total	18	2,515	166.7	68.1	18.5	2.96	3.82	4.63	1.67	.81	4.36	12.04
Rhode Island, New York, and New Jersey	2/7	852	166.5	65.6	17.8	2.92	3.75	4.68	1.76	.93	5.86	12.24
Pennsylvania	11	1,663	166.8	69.4	18.8	2.98	3.86	4.61	1.63	.75	3.59	11.93
District C, total	18	2,430	163.7	79.3	23.5	5.08	6.11	7.79	2.71	1.68	7.76	20.82
Ohio	8	1,314	161.1	83.8	20.3	3.72	4.76	6.25	2.53	1.49	8.17	21.23
Indiana	3	391	169.3	75.1	33.4	7.86	8.95	11.02	3.16	2.07	7.68	24.10
Michigan, Illinois, and California	3/7	725	165.4	73.7	23.6	5.96	6.93	8.75	2.79	1.82	7.09	18.33

By size of plant

1 to 20 wage earners	4	48	183.8	57.5	33.7	4.40	5.31	6.81	2.41	1.50	3.15	23.73
21 to 100	18	1,036	164.8	71.8	21.0	3.87	4.79	5.99	2.12	1.20	7.57	16.69
101 to 500	21	4,560	167.8	72.4	20.7	4.03	4.96	6.25	2.22	1.29	6.68	17.62
By size of city												
Under 10,000 inhabitants	8	810	175.8	69.1	23.3	1.85	2.78	3.32	1.47	.54	3.43	8.70
10,000 to 24,999	9	1,102	159.9	71.3	16.6	4.98	5.86	7.73	2.75	1.87	6.12	24.08
25,000 to 99,999	12	1,795	171.5	73.5	21.2	4.36	5.31	6.67	2.31	1.36	9.75	19.76
100,000 to 499,999	6	1,062	162.9	68.7	16.5	3.17	4.02	5.11	1.94	1.09	4.52	13.47
500,000 and over	8	875	166.2	77.2	28.0	5.15	6.20	7.54	2.39	1.34	7.44	17.62

1/ All establishments in the industry as covered by the biennial census.

2/ R. I., 2 estab.; N. Y., 2; N. J., 3. 3/ Mich., 3 estab.; Ill., 3; Calif., 1.

ENAMEL-IRON SANITARY WARE AND OTHER PLUMBERS' SUPPLIES (NOT INCLUDING PIPE AND VITREOUS AND SEMIVITREOUS CHINA SANITARY WARE) 1/

Total for man-hour tabulations 1/182 1/23,096 163.5 64.0 13.9 1.08 1.86 2.60 1.52 .74 2.21 4.37

The North (Districts A, B, C, and D)	156	16,187	166.6	64.4	15.7	1.14	1.94	2.68	1.54	.74	2.35	4.20
The South (District E)	10	5,401	152.5	61.1	8.5	.80	1.49	2.19	1.39	.70	1.74	4.78
The West (District F)	16	1,508	169.3	69.4	12.1	1.28	2.09	3.05	1.77	.96	2.28	4.63

By districts and States

District A, total	23	1,157	174.7	59.0	18.5	1.30	2.08	2.85	1.55	.77	1.61	4.76
Maine, New Hampshire, Massachusetts, Rhode Island	2/14	542	175.9	58.2	13.7	1.34	2.06	3.15	1.81	1.09	1.16	3.22
Connecticut	9	615	173.7	59.6	22.8	1.26	2.09	2.58	1.32	.49	2.01	6.12
District B, total	54	5,334	162.4	66.0	14.1	1.18	1.98	2.66	1.48	.68	2.47	4.90
New York	20	704	169.0	59.9	16.6	1.71	2.47	3.06	1.35	.59	2.13	6.00
New Jersey	9	1,072	172.1	62.9	16.7	1.10	1.87	2.57	1.47	.68	2.42	3.33
Pennsylvania	25	3,558	158.1	68.4	12.8	1.10	1.91	2.61	1.51	.70	2.56	5.16
District C, total	71	9,209	168.3	64.7	16.1	1.11	1.92	2.71	1.60	.79	2.41	3.81
Michigan	10	1,273	166.1	66.7	18.9	1.36	2.21	2.77	1.41	.56	2.11	4.78
Ohio	22	2,488	169.0	63.2	13.2	1.05	1.82	2.39	1.34	.57	2.32	2.64
Indiana	7	465	172.0	51.1	14.0	1.19	1.85	2.61	1.42	.76	.59	6.20
Illinois	21	1,699	153.3	69.1	25.0	1.47	2.41	3.39	1.92	.98	1.89	3.16
Wisconsin	11	3,284	176.0	65.0	13.4	.89	1.67	2.62	1.73	.95	3.07	4.35
District D, total	8	487	160.4	54.7	19.8	.92	1.66	1.97	1.05	.31	1.64	2.62
Minnesota, Iowa, and Kansas	3/3	263	152.9	55.5	17.0	.94	1.66	1.93	.99	.27	2.75	2.94
Missouri	5	224	169.2	53.7	22.8	.90	1.66	2.02	1.12	.36	.46	2.26
District E---Del., Md., Va., Ky., Tenn., Ala., and Tex.	4/10	5,401	152.5	61.1	8.5	.80	1.49	2.19	1.39	.70	1.74	4.78
District F---Washington and California	5/16	1,508	169.3	69.4	12.1	1.28	2.09	3.05	1.77	.96	2.28	4.63

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TABLE 3.---AVERAGES PER MAN-HOUR, BY DISTRICTS AND STATES AND BY SIZE CLASSES, FOR SELECTED

ESTABLISHMENTS IN 171 INDUSTRIES: 1939---Continued

District, State, and class	Estab- lish- ments	Wage earners (average for year)	Hours per month	Per wage-earner man-hour								Horse- power per W. E.
				Wage earnings cents	Salary costs, cents	Cost mate- rials	Prime cost	Value prod- ucts	Value added	V. P. minus P. C.	Electrio energy used, KWH	
TIN CANS AND OTHER TINWARE NOT ELSEWHERE CLASSIFIED---Continued												
District G, total	30	3,462	161.4	71.5	21.5	\$7.53	\$8.46	\$10.75	\$3.22	\$2.29	2.59	5.74
Washington	5	375	149.5	69.3	18.7	10.86	11.74	14.92	4.06	3.18	3.71	6.45
Colorado, Utah, Oregon, and California	11/25	3,087	162.9	71.7	21.8	7.16	8.10	10.29	3.13	2.19	2.47	5.66
By size of plant												
1 to 20 wage earners	44	506	166.6	52.6	16.8	4.22	4.91	5.70	1.48	.79	1.29	3.64
21 to 100	78	4,296	165.8	53.0	20.2	4.64	5.37	6.73	2.09	1.36	1.45	4.61
101 to 500	74	15,742	162.0	59.3	18.5	4.27	5.05	6.40	2.13	1.35	1.88	4.12
501 to 2,500	11	9,061	161.0	62.2	15.8	3.46	4.24	5.40	1.94	1.16	1.97	3.45
The North by size of city												
Under 10,000 inhabitants	16	1,491	168.1	55.4	16.3	5.23	5.95	7.32	2.09	1.37	1.86	5.43
10,000 to 24,999	7	530	152.9	47.6	12.7	6.44	7.04	7.42	.98	.38	1.53	3.13
25,000 to 99,999	22	2,975	160.9	57.8	23.6	3.93	4.75	5.80	1.87	1.05	2.05	3.88
100,000 to 499,999	22	4,080	166.3	58.2	16.0	3.70	4.44	6.05	2.35	1.61	1.84	3.96
500,000 and over	64	9,911	161.3	60.1	17.7	3.15	3.93	5.08	1.93	1.15	1.78	3.53
The South by size of city												
Under 10,000 inhabitants	10	671	156.1	47.6	11.2	4.92	5.51	6.42	1.50	.91	.96	3.85
25,000 to 99,999	6	1,257	156.8	58.3	15.8	3.56	4.30	4.97	1.41	.67	1.59	3.92
100,000 to 499,999	17	1,612	164.3	49.4	21.0	4.43	5.13	6.76	2.33	1.63	1.73	4.60
500,000 and over	13	3,616	163.9	56.6	14.3	2.97	3.68	4.37	1.40	.69	1.40	2.94
The West by size of city												
Under 10,000 inhabitants	5	142	174.2	57.3	11.3	9.64	10.33	11.93	2.29	1.60	1.69	5.25
10,000 to 24,999	4	81	160.9	62.9	6.3	11.49	12.18	13.21	1.72	1.03	3.30	2.95
25,000 to 499,999	12/12	1,457	158.7	71.6	22.0	10.00	10.94	14.07	4.07	3.13	3.14	5.31
500,000 and over	9	1,782	162.6	73.1	22.6	5.20	6.16	7.90	2.70	1.74	2.20	5.30
1/ Biennial-census totals for the industry: Establishments, 248; wage earners, 31,770; wages, \$36,397,817. 2/ Mo., 2 estab.; Mass., 7; R. I., 1; Conn., 1. 3/ N. J., 11 estab.; Pa., 14. 4/ Mich., 3 estab.; Ohio, 8; Ind., 7. 5/ Ill., 32 estab.; Wis., 4. 6/ Minn., 3 estab.; Mo., 8; Nebr., 1. 7/ Md., 14 estab.; W. Va., 4. 8/ Va., 3 estab.; Ky., 2; Tenn., 3. 9/ Ga., 3 estab.; Fla., 4; La., 4. 10/ Okla., 1 estab.; Tex., 8. 11/ Colo., 1 estab.; Utah, 2; Oreg., 2; Calif., 20. 12/ 25,000-99,999 group, 4 estab.; 100,000-499,999 group, 8.												
WIRE DRAWN FROM PURCHASED RODS												
Total for man-hour tabulations	1/85	1/20,521	164.2	69.3	19.6	2.33	3.22	4.11	1.78	.89	5.62	7.70
The North (Districts A, B, and C)	81	20,244	164.2	69.2	19.5	2.31	3.20	4.09	1.78	.89	5.61	7.68
The West (District D)	4	277	166.8	77.6	25.6	3.52	4.55	5.68	2.16	1.13	6.63	9.40
By districts and States												
District A---Mo., Mass., R. I., and Conn.	2/21	5,307	167.0	74.1	20.9	1.59	2.54	3.30	1.71	.76	6.77	9.80
District B, total	29	7,407	169.0	66.5	18.1	1.93	2.77	3.76	1.83	.99	5.20	6.96
New York	8	2,432	164.4	61.3	16.5	1.62	2.40	2.83	1.21	.43	3.64	3.01
New Jersey and Maryland	3/10	1,929	176.5	67.8	26.0	2.23	3.17	4.26	2.03	1.09	7.14	11.66
Pennsylvania	11	3,046	168.0	69.7	14.1	1.97	2.81	4.16	2.19	1.35	5.12	7.15
District C, total	31	7,530	157.4	68.3	20.0	3.27	4.15	5.03	1.76	.88	5.18	6.89
Michigan, Ohio, Indiana, Illinois, and Wisconsin	4/28	7,149	157.0	68.6	20.1	3.37	4.25	5.14	1.77	.89	5.10	6.63
Iowa, Missouri, and Texas	5/3	381	166.7	62.1	18.0	1.52	2.32	3.12	1.60	.80	6.52	11.78
District D---California	4	277	166.8	77.6	25.6	3.52	4.55	5.68	2.16	1.13	6.63	9.40
By size of plant												
1 to 20 wage earners	5	54	165.3	55.0	27.4	1.90	2.72	3.97	2.07	1.25	4.97	17.98
21 to 100	24	1,386	165.8	65.3	26.4	3.18	4.10	5.04	1.86	.94	6.22	9.45
101 to 500	45	11,827	164.7	69.4	21.4	2.69	3.59	4.66	1.97	1.07	5.66	7.75
501 to 2,500	11	7,254	163.1	69.9	15.3	1.59	2.44	3.03	1.44	.59	5.45	7.21
The North by size of city												
Under 10,000 inhabitants	16	3,227	169.6	67.2	19.8	3.15	4.02	4.96	1.81	.94	5.20	8.02
10,000 to 24,999	6	1,135	167.9	63.3	18.7	2.52	3.34	3.98	1.46	.64	7.29	7.21
25,000 to 99,999	24	5,448	163.0	67.7	20.4	2.22	3.10	4.28	2.06	1.18	4.98	7.32
100,000 to 499,999	17	4,719	170.4	77.6	19.9	1.70	2.67	3.57	1.87	.90	8.08	11.25
500,000 and over	18	5,715	156.5	65.6	18.4	2.41	3.25	3.87	1.46	.62	3.92	4.98
1/ Biennial-census totals for the industry: Establishments, 95; wage earners, 21,969; wages, \$29,965,840. 2/ Mo., 1 estab.; Mass., 13; R. I., 1; Conn., 6. 3/ N. J., 9 estab.; Md., 1. 4/ Mich., 4 estab.; Ohio, 6; Ind., 6; Ill., 10; Wis., 2. 5/ Iowa, 1 estab.; Mo., 1; Tex., 1.												
WIREWORK NOT ELSEWHERE CLASSIFIED												
Total for man-hour tabulations	1/401	1/25,249	162.3	61.5	17.2	1.27	2.05	2.69	1.42	.64	1.40	2.66
The North (Districts A, B, C, and D)	337	22,897	162.5	62.1	17.6	1.26	2.06	2.67	1.41	.61	1.44	2.69
The South (Districts E and F)	25	928	162.3	36.2	10.9	1.11	1.58	2.22	1.11	.64	.71	1.61
The West (District G)	39	1,424	159.3	66.9	13.9	1.52	2.33	3.28	1.76	.95	1.26	2.90
By districts and States												
District A, total	48	2,847	177.2	58.2	21.5	1.08	1.88	2.46	1.38	.58	1.39	3.49
Massachusetts	23	1,207	176.3	49.5	17.4	1.08	1.75	2.24	1.16	.49	1.04	2.34
Rhode Island and Connecticut	2/25	1,640	178.0	64.5	24.5	1.09	1.98	2.62	1.53	.64	1.64	4.34
District B, total	122	5,312	167.6	53.0	17.8	1.19	1.90	2.52	1.33	.62	1.51	2.88
New York	63	1,557	170.5	53.9	24.5	.99	1.78	2.41	1.42	.63	1.50	2.92
New Jersey	22	2,138	160.0	55.9	12.5	.83	1.52	2.02	1.19	.50	.52	1.94
Pennsylvania	37	1,617	174.8	48.9	18.0	1.82	2.49	3.23	1.41	.74	2.40	4.09

TABLE 3.---AVERAGES PER MAN-HOUR, BY DISTRICTS AND STATES AND BY SIZE CLASSES, FOR SELECTED ESTABLISHMENTS IN 171 INDUSTRIES: 1939---Continued

District, State, and class	Estab-lish-ments	Wage earners (average for year)	Hours per month	Per wage-earner man-hour								Horse-power per W. E.	
				Wage earnings cents	Salary costs cents	Cost mate-rials	Prime cost	Value prod-ucts	Value added	V. P. minus P. C.	Electric energy used, KWH		
WIREWORK NOT ELSEWHERE CLASSIFIED--Continued													
District C, total	144	13,664	157.1	67.0	16.6	\$1.28	\$2.12	\$2.70	\$1.42	\$.58	1.38	2.36	
Michigan	41	7,717	149.9	73.4	14.4	1.07	1.95	2.40	1.33	.45	1.31	1.99	
Ohio	35	1,638	169.6	68.8	23.5	1.91	2.83	3.71	1.80	.88	2.00	3.90	
Indiana	10	677	173.1	58.4	26.2	1.39	2.24	3.05	1.66	.81	1.68	3.51	
Illinois	49	3,475	163.4	55.5	15.5	1.39	2.10	2.73	1.34	.63	1.19	2.22	
Wisconsin	9	157	176.7	58.5	21.9	.81	1.61	2.45	1.64	.84	.65	2.22	
District D, total	23	1,074	166.1	59.7	18.4	1.82	2.60	3.76	1.94	1.16	1.95	3.89	
Minnesota and Iowa	3/9	285	176.9	53.0	17.8	1.47	2.18	2.68	1.21	.50	1.87	2.25	
Missouri	14	789	162.2	62.3	18.6	1.96	2.77	4.19	2.23	1.42	1.99	4.48	
District E, total	18	828	161.0	36.4	11.5	1.10	1.58	2.16	1.06	.58	.67	1.38	
Maryland	13	575	167.9	35.9	11.6	1.09	1.56	2.13	1.04	.57	.48	1.14	
North Carolina and Tennessee	4/5	253	145.4	37.8	11.1	1.14	1.63	2.24	1.10	.61	1.15	1.94	
District F--Ga., Fla., Ala., La., and Tex.	5/7	100	172.7	34.5	6.4	1.13	1.54	2.68	1.55	1.14	1.00	3.52	
District G, total	39	1,424	159.3	66.9	13.9	1.52	2.33	3.28	1.76	.95	1.26	2.90	
Washington and Oregon	6/5	92	163.8	67.7	14.4	2.55	3.37	5.18	2.63	1.81	3.26	5.58	
California	34	1,332	159.0	66.8	13.9	1.44	2.25	3.14	1.70	.89	1.12	2.71	
By size of plant													
1 to 20 wage earners	209	1,701	165.5	53.3	29.1	1.75	2.57	3.50	1.75	.93	.91	3.22	
21 to 100	129	6,638	165.9	54.4	21.0	1.62	2.38	3.18	1.56	.80	1.35	3.24	
101 to 500	53	9,864	164.9	60.4	16.5	1.23	2.00	2.66	1.43	.66	1.76	2.83	
501 to 2,500	10	7,046	154.5	72.2	11.3	.84	1.67	2.03	1.19	.36	1.05	1.75	
The North by size of city													
Under 10,000 inhabitants	39	2,610	170.0	56.6	17.0	1.68	2.42	2.95	1.27	.53	2.04	3.37	
10,000 to 24,999	29	1,996	171.1	51.5	18.1	1.83	2.53	3.35	1.52	.82	2.39	3.83	
25,000 to 99,999	54	5,416	175.1	60.4	17.3	.93	1.71	2.29	1.36	.58	1.35	2.79	
100,000 to 499,999	56	2,934	163.5	55.7	16.5	1.28	2.00	2.59	1.31	.59	.99	2.03	
500,000 and over	159	9,941	151.6	69.3	18.3	1.20	2.08	2.70	1.50	.62	1.25	2.43	
The South by size of city													
Under 10,000 inhabitants	7/4	215	153.0	35.0	21.6	1.08	1.65	2.05	.97	.40	.43	1.56	
100,000 to 499,999	9	187	162.7	38.9	11.8	1.33	1.84	2.98	1.65	1.14	1.65	3.81	
500,000 and over	12	526	165.9	35.6	6.5	1.04	1.46	2.02	.98	.56	.48	.85	
The West by size of city													
Under 500,000 inhabitants	8/12	647	160.1	69.1	12.4	1.44	2.26	3.30	1.86	1.04	1.45	2.18	
500,000 and over	27	777	158.7	64.9	15.3	1.58	2.38	3.26	1.68	.88	1.11	3.49	
1/ Biennial-census totals for the industry: Establishments, 669; wage earners, 30,386; wages, \$35,538,502.													
2/ R. I., 3 estab.; Conn., 22.													
3/ Minn., 7 estab.; Iowa, 2.													
4/ N. C., 1 estab.; Tenn., 4.													
5/ Ga., 1 estab.; Fla., 1; Ala., 2; La., 1; Tex., 2.													
6/ Wash., 2 estab.; Oreg., 3.													
7/ Under 10,000* group, 1 estab.; 10,000-24,999 group, 1; 25,000-99,999 group, 2.													
8/ Under 10,000* group, 1 estab.; 10,000-24,999 group, 1; 100,000-499,999 group, 10.													

VITREOUS ENAMELED PRODUCTS, INCLUDING KITCHEN, HOUSEHOLD, AND HOSPITAL UTENSILS

Total for man-hour tabulations		1/45	1/9,775	155.8	54.6	13.1	.91	1.59	2.04	1.13	.45	2.71	2.61
The North (Districts A and B)	41	8,793	152.3	57.0	13.9	.95	1.66	2.11	1.16	.45	2.40	2.70	
The South (District C)	4	982	187.1	37.2	7.0	.67	1.11	1.52	.85	.41	4.98	1.84	
<u>By districts and States</u>													
District A, total	10	2,010	170.7	46.1	12.7	.71	1.30	1.69	.98	.39	2.27	2.02	
Massachusetts, New York, and New Jersey	2/5	473	174.2	53.7	13.9	.71	1.39	1.78	1.07	.39	1.24	1.84	
Pennsylvania	5	1,537	169.6	43.7	12.4	.71	1.27	1.66	.95	.39	2.60	2.07	
District B, total	31	6,783	146.8	60.7	14.3	1.03	1.78	2.25	1.22	.47	2.44	2.90	
Michigan, Ohio, and West Virginia	3/20	4,527	140.0	63.7	15.4	1.00	1.79	2.16	1.16	.37	2.75	2.95	
Indiana	3	453	169.5	58.8	19.0	1.14	1.91	2.67	1.53	.76	1.77	3.57	
Illinois, Wisconsin, and California	4/8	1,803	158.1	54.6	10.7	1.06	1.71	2.35	1.29	.64	1.94	2.59	
District C--Tennessee	4	982	187.1	37.2	7.0	.67	1.11	1.52	.85	.41	4.98	1.84	
<u>By size of plant</u>													
1 to 100 wage earners	5/18	978	173.9	53.9	21.6	.84	1.60	2.09	1.25	.49	2.51	3.21	
101 to 500	24	6,233	155.1	55.7	12.9	.86	1.55	1.98	1.12	.43	3.31	2.87	
501 to 2,500	3	2,564	150.6	52.2	9.7	1.06	1.68	2.15	1.09	.47	1.31	1.76	
<u>The North by size of city</u>													
Under 10,000 inhabitants	11	2,027	140.9	58.5	13.9	1.06	1.78	2.22	1.16	.44	1.86	1.81	
10,000 to 24,999	10	3,175	149.1	63.5	12.7	1.10	1.86	2.29	1.19	.43	3.48	3.66	
25,000 to 99,999	9	1,381	157.7	54.7	12.7	.77	1.45	2.08	1.31	.63	1.80	2.25	
100,000 to 499,999	5	898	152.6	57.8	21.7	.79	1.59	1.96	1.17	.37	2.62	2.66	
500,000 and over	6	1,312	171.5	43.1	12.9	.74	1.30	1.69	.95	.39	1.41	2.23	
1/ Biennial-census totals for the industry: Establishments, 55; wage earners, 10,809; wages, \$11,441,682.													
2/ Mass., 1 estab.; N. Y., 3; W. J., 1. 3/ Mich., 2 estab.; Ohio, 16; W. Va., 2. 4/ Ill., 4 estab.; Wis., 2; Calif., 2.													
5/ 1-20 group, 2 estab.; 21-100 group, 16.													
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TABLE 3.—AVERAGES PER MAN-HOUR, BY DISTRICTS AND STATES AND BY SIZE CLASSES, FOR SELECTED

ESTABLISHMENTS IN 171 INDUSTRIES: 1939—Continued

District, State, and class	Estab- lish- ments	Wage earners (average for year)	Hours per month	Per wage-earner man-hour							Horse- power per W. E.	
				Wage earnings cents	Salary costs, cents	Cost mate- rials	Prime cost	Value prod- ucts	Value added	V. P. minus P. C.		Electric energy used, KWH
AUTOMOBILE STAMPINGS												
Total for man-hour tabulations	1/75	1/7,895	162.1	71.7	19.7	\$1.36	\$2.27	\$2.92	\$1.56	\$.65	2.00	5.00
By districts and States												
District A---Massachusetts	4	1,059	176.8	60.0	18.4	1.18	1.96	3.11	1.93	1.15	1.54	3.10
District B---Conn., N. J., and Pa.	2/7	790	175.1	67.1	16.8	1.10	1.94	2.51	1.41	.57	1.96	6.92
District C, total	61	5,887	156.8	75.9	20.3	1.46	2.42	2.98	1.52	.56	2.15	5.20
Michigan	24	2,416	158.5	85.4	20.8	1.41	2.47	3.07	1.66	.60	2.10	6.33
Ohio	23	2,277	143.4	76.6	20.3	1.64	2.61	3.16	1.52	.55	2.16	4.17
Indiana	5	484	179.1	59.6	22.6	1.63	2.45	3.00	1.37	.55	1.85	4.83
Illinois and Wisconsin	3/9	710	179.0	57.0	17.0	.99	1.73	2.18	1.19	.45	2.47	4.91
District D---Minnesota, Missouri, and Nebraska	4/3	159	193.6	36.1	23.9	.73	1.33	1.88	1.15	.55	.48	.98
By size of plant												
1 to 20 wage earners	23	253	166.9	57.4	31.8	1.32	2.21	2.99	1.67	.78	1.19	4.42
21 to 100	26	1,229	163.1	60.6	28.6	1.35	2.24	2.87	1.52	.63	1.20	4.23
101 to 2,500	5/26	6,413	161.7	74.4	17.5	1.36	2.28	2.92	1.56	.64	2.18	5.18
By size of city												
Under 10,000 inhabitants	11	840	179.2	54.4	12.9	1.30	1.97	2.40	1.10	.43	2.83	6.55
10,000 to 24,999	5	1,290	155.2	68.4	15.4	1.70	2.54	3.22	1.52	.68	1.85	3.54
25,000 to 99,999	9	475	164.6	58.1	27.9	1.57	2.43	2.96	1.39	.53	2.06	6.55
100,000 to 499,999	15	1,722	155.8	71.9	20.0	1.14	2.06	2.90	1.76	.84	1.72	4.18
500,000 and over	35	3,568	163.2	79.0	21.7	1.33	2.33	2.95	1.62	.62	1.96	5.36
1/ Biennial-census totals for the industry: Establishments, 90; wage earners, 8,597; wages, \$11,970,203.												
2/ Conn., 1 estab.; N. Y., 4; Pa., 2.												
3/ Ill., 6 estab.; Wis., 3.												
4/ Minn., 1 estab.; Mo., 1; Nebr., 1.												
5/ 101-500 group, 25 estab.; 501-2,500 group, 1.												
STAMPED AND PRESSED METAL PRODUCTS (EXCEPT AUTOMOBILE STAMPINGS)												
Total for man-hour tabulations	1/399	1/27,024	167.7	57.6	17.4	1.36	2.11	2.71	1.35	.60	2.04	4.33
The North (Districts A, B, C, and D)	343	22,188	169.2	57.3	18.3	1.26	2.01	2.52	1.26	.51	1.53	3.74
The South (Districts E and F)	26	3,911	161.5	57.1	10.7	1.77	2.45	3.50	1.73	1.05	5.27	7.74
The West (District G)	30	925	158.3	65.7	22.0	2.04	2.91	3.84	1.80	.93	1.22	4.25
By districts and States												
District A, total	51	3,255	177.2	50.6	17.4	.73	1.41	1.79	1.06	.38	.92	2.88
Maine and Massachusetts	2/26	1,310	176.3	53.6	20.7	.75	1.49	1.89	1.14	.40	1.07	3.96
Rhode Island and Connecticut	3/25	1,945	177.8	48.7	15.2	.71	1.35	1.72	1.01	.37	.83	2.15
District B, total	109	6,700	171.6	53.6	20.1	1.05	1.78	2.25	1.20	.47	1.40	4.09
New York	68	4,079	167.2	57.0	20.6	1.12	1.90	2.42	1.30	.52	1.68	4.68
New Jersey	18	1,629	168.7	45.1	17.5	.80	1.42	1.72	.92	.30	.86	2.04
Pennsylvania	23	992	194.1	53.9	22.3	1.15	1.91	2.42	1.27	.51	1.17	5.01
District C, total	160	10,852	164.4	62.9	17.3	1.61	2.42	2.98	1.37	.56	1.92	4.00
Michigan	29	1,035	161.4	62.6	30.2	1.19	2.12	2.75	1.56	.63	1.54	3.68
Ohio	53	5,015	165.1	68.1	13.9	1.95	2.77	3.16	1.21	.39	2.32	4.39
Indiana	12	689	156.0	62.0	20.1	1.32	2.14	2.46	1.34	.32	1.79	7.78
Illinois	54	3,160	166.1	54.5	18.8	1.32	2.05	2.93	1.61	.88	1.13	2.26
Wisconsin	12	953	164.5	64.4	15.0	1.47	2.27	2.79	1.32	.52	2.90	5.29
District D, total	23	1,381	176.1	49.4	18.9	.95	1.64	2.21	1.26	.57	.78	2.01
Minnesota, Iowa, and Kansas	4/12	375	178.8	49.0	25.9	.89	1.64	2.20	1.31	.56	.68	2.51
Missouri	11	1,006	175.1	49.6	16.3	.98	1.63	2.21	1.23	.58	.82	1.82
District E, total	20	2,796	161.4	57.5	10.7	1.77	2.45	3.51	1.74	1.06	5.41	7.89
West Virginia	5	1,040	140.0	71.8	6.5	1.98	2.76	3.20	1.22	.44	2.43	4.92
Delaware, Maryland, Virginia, and Kentucky	5/15	2,756	169.5	53.0	12.0	1.70	2.35	3.61	1.91	1.26	6.33	9.01
District F---Alabama, Mississippi, and Texas	6/6	115	164.5	45.0	12.9	1.89	2.47	3.20	1.31	.73	.50	2.87
District G---Colo., Wash., Oreg., and Calif.	1/30	925	158.3	65.7	22.0	2.04	2.91	3.84	1.80	.93	1.22	4.25
By size of plant												
1 to 20 wage earners	189	1,751	166.8	51.8	29.0	1.23	2.04	2.63	1.40	.59	.89	4.03
21 to 100	147	6,941	173.5	53.9	23.9	1.25	2.03	2.64	1.39	.61	1.06	3.27
101 to 500	57	12,267	167.8	56.8	15.9	1.18	1.90	2.45	1.27	.55	1.50	3.85
501 to 2,500	6	6,065	161.0	65.4	9.0	1.91	2.66	3.35	1.44	.69	4.74	6.62
The North by size of city												
Under 10,000 inhabitants	36	1,699	172.3	45.0	16.8	.91	1.53	1.89	.98	.36	1.06	2.45
10,000 to 24,999	29	2,768	165.6	66.4	14.4	2.06	2.87	3.14	1.08	.27	1.40	4.82
25,000 to 99,999	45	3,186	168.1	59.9	17.8	1.10	1.87	2.25	1.15	.38	2.22	3.53
100,000 to 499,999	75	4,584	174.3	54.2	19.0	1.07	1.80	2.31	1.24	.51	1.32	3.87
500,000 and over	158	9,951	167.6	57.6	19.5	1.25	2.02	2.66	1.41	.64	1.54	3.66
The South by size of city												
Under 100,000 inhabitants	8/7	1,147	142.4	69.4	8.1	1.90	2.67	3.22	1.32	.55	2.55	4.86
100,000 and over	9/19	2,764	169.5	52.8	11.7	1.73	2.37	3.60	1.87	1.23	6.21	8.94
The West by size of city												
100,000 to 499,999 inhabitants	9	75	154.6	62.1	27.9	.97	1.87	2.23	1.26	.36	.89	5.33
500,000 and over	21	850	158.6	66.0	21.4	2.13	3.00	3.98	1.85	.98	1.25	4.15

ESTABLISHMENTS IN 171 INDUSTRIES: 1939---Continued

District, State, and class	Estab- lish- ments	Wage earners (average for year)	Hours per month	Per wage-earner man-hour								Horse- power per W. E.	
				Wage earnings, cents	Salary costs, cents	Cost mate- rials	Prime cost	Value prod- ucts	Value added	V. P. minus P. C.	Electric energy used, kWh		
STAMPED AND PRESSED METAL PRODUCTS (EXCEPT AUTOMOBILE STAMPINGS)---Continued													
1/ Biennial-census totals for the industry: Establishments, 655; wage earners, 33,112; wages, \$37,535,454.													
2/ Me., 1 estab.; Mass., 25. 3/ R. I., 5 estab.; Conn., 20. 4/ Minn., 7 estab.; Iowa, 4; Kans., 1.													
5/ Del., 2 estab.; Md., 10; Va., 1; Ky., 2. 6/ Ala., 1 estab.; Miss., 1; Tex., 4.													
7/ Colo., 2 estab.; Wash., 3; Oreg., 1; Calif., 24. 8/ "Under 10,000" group, 2 estab.; 10,000-24,999 group, 2; 25,000-99,999 group, 3.													
9/ 100,000-499,999 group, 10 estab.; "500,000 and over" group, 9.													
ENAMELING, JAPANNING, AND LACQUERING													
Total for man-hour tabulations	1/57	1,164	158.5	60.2	17.1	.73	\$1.50	\$2.03	\$1.30	.53	2.54	2.61	
The North (Districts A and B)	50	1,589	158.6	59.8	16.7	.72	1.49	2.01	1.29	.52	2.60	2.56	
The West (District C)	7	75	155.9	69.4	26.3	.83	1.79	2.44	1.61	.65	1.32	3.83	
By districts and States													
District A, total	17	215	161.8	48.6	20.2	.44	1.13	1.58	1.14	.45	1.57	3.51	
Massachusetts, Rhode Island, and Connecticut	2/4	96	158.5	47.5	10.8	.39	.97	1.31	.92	.34	2.29	5.43	
New York, New Jersey, and Pennsylvania	3/13	119	164.4	49.4	27.6	.48	1.25	1.79	1.31	.54	1.01	1.97	
District B, total	33	1,374	158.1	61.6	16.1	.77	1.54	2.08	1.31	.54	2.76	2.41	
Michigan, Ohio, Indiana, West Virginia, Kentucky	4/14	955	157.0	67.2	15.0	.80	1.62	2.17	1.37	.55	3.22	2.35	
Illinois, Minnesota, and Missouri	5/19	419	160.8	49.2	18.6	.70	1.38	1.88	1.18	.50	1.74	2.53	
District C---Washington and California	6/7	75	155.9	69.4	26.3	.83	1.79	2.44	1.61	.65	1.32	3.83	
By size of plant													
1 to 20 wage earners	35	240	162.4	55.9	14.9	.63	1.34	2.04	1.41	.70	1.49	3.36	
21 to 100	18	661	158.4	48.8	21.5	.60	1.31	1.70	1.10	.39	1.76	2.99	
101 to 500	4	763	157.4	71.6	14.0	.87	1.72	2.32	1.45	.60	3.56	2.06	
The North by size of city													
Under 100,000 inhabitants	7/7	668	156.3	63.4	14.7	.91	1.69	2.25	1.34	.56	2.37	2.74	
100,000 to 499,999	11	223	155.4	46.6	15.7	.47	1.09	1.48	1.01	.39	1.46	2.82	
500,000 and over	32	698	161.9	60.6	18.9	.62	1.42	1.95	1.33	.53	3.16	2.30	
1/ Biennial-census totals for the industry: Establishments, 80; wage earners, 1,821; wages, \$2,062,275.													
2/ Mass., 2 estab.; R. I., 1; Conn., 1. 3/ N. Y., 8 estab.; N. J., 1; Pa., 4.													
4/ Mich., 5 estab.; Ohio, 5; Ind., 2; W. Va., 1; Ky., 1. 5/ Ill., 16 estab.; Minn., 2; Mo., 1.													
6/ Wash., 1 estab.; Calif., 6. 7/ "Under 10,000" group, 2 estab.; 10,000-24,999 group, 2; 25,000-99,999 group, 3.													
BATTERIES, STORAGE AND PRIMARY (DRY AND WET)													
Total for man-hour tabulations	1/125	1,137,718	168.1	65.0	17.8	2.08	2.91	3.90	1.82	.99	5.39	5.21	
The North (Districts A, B, C, and D)	78	12,517	167.7	66.1	17.9	1.98	2.82	3.81	1.83	.99	5.25	5.18	
The South (Districts E and F)	22	638	176.7	44.9	14.6	2.76	3.36	4.65	1.89	1.29	5.61	6.07	
The West (District G)	25	563	168.6	64.9	20.1	3.50	4.35	5.00	1.50	.65	8.11	4.96	
By districts and States													
District A---Mass., R. I., and Conn.	2/6	748	165.6	52.7	10.0	1.14	1.77	2.45	1.31	.68	1.53	4.06	
District B, total	23	4,446	166.1	69.9	19.8	2.13	3.02	3.99	1.86	.97	6.97	5.89	
New Jersey	8	1,559	168.5	71.7	15.5	1.93	2.80	3.93	2.00	1.13	7.43	7.66	
New York and Pennsylvania	3/15	2,887	164.8	68.9	22.2	2.24	3.15	4.02	1.78	.87	6.73	4.93	
District C, total	33	6,384	165.5	68.3	19.6	2.00	2.88	3.99	1.99	1.11	4.69	4.87	
Michigan and Ohio	4/14	3,318	165.8	70.2	20.1	1.85	2.75	3.72	1.87	.97	3.75	4.87	
Indiana, Illinois, and Wisconsin	5/19	3,066	165.2	66.2	19.1	2.16	3.01	4.28	2.12	1.27	5.71	4.87	
District D, total	16	939	191.3	46.5	5.4	1.89	2.41	2.98	1.09	.57	4.06	4.78	
Minnesota and Iowa	6/9	758	191.4	44.2	3.9	1.58	2.06	2.52	.94	.46	3.04	4.13	
Missouri and Nebraska	7/7	181	190.7	56.2	11.6	3.20	3.87	4.92	1.72	1.05	8.34	7.51	
District E, total	9	201	164.4	43.7	12.9	2.68	3.25	4.21	1.53	.96	4.59	4.43	
Maryland, Virginia, and North Carolina	8/3	41	174.4	34.8	6.4	1.94	2.35	2.98	1.04	.63	1.62	4.07	
Kentucky and Tennessee	9/6	160	161.9	46.1	14.8	2.89	3.50	4.55	1.66	1.05	5.41	4.53	
District F, total	13	437	182.3	45.4	15.3	2.79	3.40	4.83	2.04	1.43	6.03	6.82	
Georgia, Florida, and Alabama	10/4	91	177.0	42.2	12.1	3.16	3.70	5.13	1.97	1.43	5.98	9.37	
Oklahoma and Texas	11/9	346	183.8	46.3	16.1	2.70	3.32	4.75	2.05	1.43	6.04	6.15	
District G---Colo., Wash., Oreg., and Calif.	12/25	563	168.6	64.9	20.1	3.50	4.35	5.00	1.50	.65	8.11	4.96	
By size of plant													
1 to 20 wage earners	62	529	175.6	45.4	20.6	2.10	2.76	3.52	1.42	.76	2.82	3.67	
21 to 100	36	1,649	168.9	56.2	17.4	3.24	3.97	4.95	1.71	.98	6.92	6.44	
101 to 500	19	5,103	176.3	56.0	11.7	1.92	2.60	3.56	1.64	.96	4.39	4.02	
501 to 2,500	8	6,437	160.9	77.0	23.1	1.91	2.91	3.95	2.04	1.04	6.08	5.97	
The North by size of city													
Under 10,000 inhabitants	6	470	180.5	54.5	18.3	2.69	3.42	3.71	1.02	.29	7.19	4.12	
10,000 to 24,999	8	1,337	169.8	54.1	11.4	1.70	2.35	3.16	1.46	.81	2.35	3.45	
25,000 to 99,999	19	4,350	174.9	60.8	12.2	1.76	2.49	3.66	1.90	1.17	5.75	5.63	
100,000 to 499,999	20	1,583	164.7	59.7	10.7	2.24	2.94	3.71	1.47	.77	5.99	5.41	
500,000 and over	25	4,777	160.2	78.4	27.9	2.12	3.18	4.20	2.08	1.02	5.16	5.27	
The South by size of city													
Under 100,000 inhabitants	13/3	75	189.2	35.5	9.6	2.54	2.99	4.08	1.54	1.09	3.74	8.76	
100,000 and over	14/19	563	175.1	46.3	15.3	2.79	3.41	4.73	1.94	1.32	5.87	5.71	

ESTABLISHMENTS IN 171 INDUSTRIES: 1939---Continued

District, State, and class	Estab- lish- ments	Wage earners (average for year)	Hours per month	Per wage-earner man-hour								Horse- power per W. E.
				Wage earnings cents	Salary costs, cents	Cost mate- rials	Prime cost	Value prod- ucts	Value added	V. P. minus P. C.	Electric energy used, kWh	

BATTERIES, STORAGE AND PRIMARY (DRY AND WET)---Continued

<u>The West by size of city</u>												
100,000 to 499,999 inhabitants	9	187	165.7	67.7	15.2	\$2.71	\$3.54	\$4.24	\$1.53	\$.70	9.29	4.82
500,000 and over	16	376	170.0	63.5	22.4	3.88	4.74	5.37	1.49	.63	7.54	5.03
1/ Biennial-census totals for the industry: Establishments, 221; wage earners, 15,034; wages, \$19,209,426.												
2/ Mass., 2 estab.; R. I., 1; Conn., 3.												
3/ Ind., 3 estab.; Ill., 12; Wis., 4.												
4/ Md., 1 estab.; Va., 1; N. C., 1.												
5/ Okla., 2 estab.; Tex., 7.												
6/ Minn., 6 estab.; Iowa, 3.												
7/ Mo., 6 estab.; Nebr., 1.												
8/ Ky., 3 estab.; Tenn., 3.												
9/ Colo., 1 estab.; Wash., 3; Oreg., 2; Calif., 19.												
10/ Ga., 2 estab.; Fla., 1; Ala., 1.												
11/ "Under 10,000" group, 1 estab.; 10,000-24,999 group, 1; 25,000-99,999 group, 1.												
12/ 100,000-499,999 group, 17 estab.; "500,000 and over" group, 2.												

CARBON PRODUCTS FOR THE ELECTRICAL INDUSTRY, AND MANUFACTURES OF CARBON OR ARTIFICIAL GRAPHITE

Total for man-hour tabulations	1/25	1/3,171	169.4	68.8	28.1	1.03	2.00	2.83	1.80	.83	25.65	8.39
<u>By districts and States</u>												
New York, New Jersey, and Pennsylvania	2/12	1,760	177.2	67.4	28.2	1.07	2.03	2.91	1.84	.88	35.51	8.67
Michigan, Ohio, West Virginia, Tennessee, Alabama	3/9	1,307	159.7	73.3	27.9	.99	2.00	2.79	1.80	.79	12.90	8.56
Illinois, Wisconsin, and California	4/4	104	160.7	38.0	27.9	.75	1.41	1.89	1.14	.48	.93	1.58
<u>By size of plant</u>												
1 to 20 wage earners	10	100	169.8	51.2	49.3	1.38	2.38	3.54	2.16	1.16	2.12	8.80
21 to 100	6	346	167.3	47.2	31.7	1.50	2.29	3.42	1.92	1.13	32.64	2.08
101 to 2,500	5/9	2,725	169.7	72.2	26.8	.96	1.95	2.73	1.77	.78	25.65	9.18
<u>By size of city</u>												
Under 10,000 inhabitants	6	901	189.6	60.7	27.4	.57	1.45	1.95	1.38	.50	4.38	4.93
10,000 to 24,999	4	812	161.8	76.9	27.0	.97	2.01	2.58	1.61	.57	5.63	8.07
25,000 to 99,999	6	1,141	157.1	75.1	27.8	1.55	2.58	3.84	2.29	1.26	67.79	12.23
100,000 and over	6/9	317	175.8	54.1	33.7	.92	1.80	2.91	1.99	1.11	2.51	5.22
1/ Biennial-census totals for the industry: Establishments, 31; wage earners, 3,189; wages, \$4,483,609.												
2/ N. Y., 5 estab.; N. J., 2; Pa., 5.												
3/ Mich., 1 estab.; Ohio, 5; W. Va., 1; Tenn., 1; Ala., 1.												
4/ Ill., 1 estab.; Wis., 2; Calif., 1.												
5/ 101-500 group, 6 estab.; 501-2,500 group, 3.												
6/ 100,000-499,999 group, 2 estab.; "500,000 and over" group, 7.												

INSULATED WIRE AND CABLE

Total for man-hour tabulations	1/64	1/14,671	162.9	62.0	21.5	2.31	3.15	3.99	1.68	.84	3.67	7.11
The North (Districts A, B, C, and D)	58	14,498	162.8	62.1	21.5	2.31	3.15	3.98	1.67	.83	3.69	7.14
The West (District E)	6	173	168.7	52.4	23.1	2.16	2.92	4.71	2.55	1.79	1.50	4.31
<u>By districts and States</u>												
District A, total	21	6,399	160.6	63.2	23.4	2.21	3.07	3.89	1.68	.82	3.76	7.38
Rhode Island	6	996	171.8	52.9	13.0	2.44	3.10	3.98	1.54	.88	3.07	5.13
New Hampshire, Massachusetts, and Connecticut	2/15	5,403	158.6	65.2	25.4	2.16	3.06	3.87	1.71	.81	3.90	7.79
<u>District B, total</u>												
District B, total	21	4,398	158.6	70.4	28.0	2.00	4.03	5.18	2.14	1.15	4.68	10.38
New York	10	1,420	162.0	67.6	15.5	3.63	4.46	5.33	1.70	.87	4.04	7.47
New Jersey and Maryland	3/5	1,372	161.2	78.7	55.7	3.07	4.41	6.82	3.75	2.41	6.07	17.97
Pennsylvania	6	1,606	153.3	65.6	14.8	2.47	3.27	3.57	1.10	.30	4.02	6.46
<u>District C, total</u>												
District C, total	12	3,608	171.5	51.6	10.5	1.68	2.30	2.78	1.10	.48	2.54	2.90
Michigan, Ohio, and Illinois	4/8	1,389	167.4	57.4	15.9	1.58	2.31	2.97	1.39	.66	3.45	3.93
Indiana	4	2,219	174.0	48.2	7.3	1.74	2.29	2.67	.93	.38	1.99	2.25
<u>District D---Missouri</u>												
District D---Missouri	4	93	174.6	42.1	40.6	2.04	2.87	4.08	2.04	1.21	.99	2.05
<u>District E---California</u>												
District E---California	6	173	168.7	52.4	23.1	2.16	2.92	4.71	2.55	1.79	1.50	4.31
<u>By size of plant</u>												
1 to 20 wage earners	15	161	176.9	42.1	19.8	2.55	3.17	4.25	1.70	1.08	.98	3.36
21 to 100	24	1,388	163.7	50.9	24.4	2.98	3.74	4.73	1.75	.99	2.67	4.93
101 to 500	19	4,712	167.3	59.1	17.9	2.46	3.23	4.01	1.55	.78	3.61	7.13
501 and over	5/6	8,410	160.0	66.0	23.2	2.11	3.00	3.85	1.74	.85	3.92	7.53
<u>The North by size of city</u>												
Under 10,000 inhabitants	8	1,110	170.1	48.4	11.5	2.10	2.70	3.47	1.37	.77	3.19	5.38
10,000 to 24,999	8	2,523	167.8	52.9	12.2	1.78	2.43	2.53	.75	.10	2.13	4.20
25,000 to 99,999	13	2,743	167.3	58.7	13.3	2.26	2.98	3.90	1.64	.92	3.53	4.97
100,000 to 499,999	11	5,451	158.2	68.7	25.9	2.54	3.49	4.23	1.69	.74	4.28	8.25
500,000 and over	18	2,671	159.8	67.6	34.9	2.53	3.56	5.22	2.69	1.66	4.45	10.61
1/ Biennial-census totals for the industry: Establishments, 79; wage earners, 15,696; wages, \$18,637,729.												
2/ N. H., 1 estab.; Mass., 6; Conn., 8.												
3/ N. J., 4 estab.; Md., 1.												
4/ Mich., 1 estab.; Ohio, 1; Ill., 6.												
5/ 501-2,500 group, 5 estab.; "2,501 and over" group, 1.												

WIRING DEVICES AND SUPPLIES

Total for man-hour tabulations	1/112	1/13,775	170.5	56.6	19.5	1.49	2.25	3.13	1.64	.88	1.28	2.97
The North (Districts A, B, and C)	98	13,216	170.4	56.6	19.5	1.42	2.18	3.05	1.63	.87	1.27	2.74
The South (District D)	8	437	172.4	53.0	13.7	3.19	3.86	4.85	1.66	.99	1.39	2.35
The West (District E)	6	122	175.9	65.7	33.9	2.44	3.43	5.95	3.51	2.52	1.97	29.83
<u>By districts and States</u>												
District A, total	18	3,968	167.3	57.5	17.7	1.06	1.81	2.63	1.57	.82	.99	1.77
New Hampshire, Massachusetts, and Rhode Island	2/7	1,048	169.8	46.7	17.1	.95	1.59	2.19	1.24	.60	1.38	1.42
Connecticut	11	2,920	166.5	61.4	17.9	1.10	1.89	2.79	1.69	.90	.85	1.90

TABLE 3.---AVERAGES PER MAN-HOUR, BY DISTRICTS AND STATES AND BY SIZE CLASSES, FOR SELECTED

ESTABLISHMENTS IN 171 INDUSTRIES: 1939---Continued

District, State, and class	Estab- lish- ments	Wage earners (average for year)	Hours per month	Per wage-earner man-hour								Horse- power per W. E.	
				Wage earnings cents	Salary costs, cents	Cost mate- rials	Prime cost	Value prod- ucts	Value added	V. P. minus P. C.	Electric energy used, KWH		
WIRING DEVICES AND SUPPLIES---Continued													
District B, total	42	5,832	173.1	53.7	20.9	\$1.54	\$2.29	\$2.98	\$1.44	\$.69	1.31	3.10	
New York	21	3,482	177.2	49.1	15.6	1.03	1.68	2.27	1.24	.59	.92	2.15	
New Jersey and Pennsylvania	3/21	2,350	166.9	60.8	29.1	2.35	3.25	4.09	1.74	.84	1.92	4.52	
District C, total	38	3,416	169.5	60.7	19.3	1.62	2.42	3.64	2.02	1.22	1.53	3.24	
Michigan and Ohio	4/12	786	159.5	73.0	30.2	1.27	2.30	3.59	2.32	1.29	2.67	4.99	
Indiana	3	316	155.3	65.1	16.2	1.41	2.22	2.55	1.14	.33	1.41	1.88	
Illinois, Missouri, and Wisconsin	5/23	2,314	174.9	56.4	16.3	1.75	2.48	3.79	2.04	1.31	1.19	2.83	
District D---Md., W. Va., Ky., Tenn., Ga., Ala.	6/8	437	172.4	53.0	13.7	3.19	3.86	4.85	1.66	.99	1.39	2.35	
District E---California	6	122	175.9	65.7	33.9	2.44	3.43	5.95	3.51	2.52	1.97	29.83	
By size of plant													
1 to 20 wage earners	38	413	173.6	48.3	44.7	1.91	2.84	3.89	1.98	1.05	.86	3.26	
21 to 100	35	1,773	172.5	48.1	18.4	1.33	2.00	2.73	1.40	.73	.99	3.99	
101 to 500	32	5,928	171.8	56.5	23.4	1.93	2.73	3.74	1.81	1.01	1.41	3.33	
501 to 2,500	7	5,661	168.4	60.0	13.7	1.03	1.77	2.55	1.52	.78	1.26	2.25	
The North by size of city													
Under 10,000 inhabitants	15	1,384	172.0	54.3	24.7	1.54	2.33	3.07	1.53	.74	1.67	3.80	
10,000 to 24,999	8	834	170.5	63.7	23.0	4.26	5.13	6.48	2.22	1.35	2.56	4.74	
25,000 to 99,999	9	1,042	165.2	61.3	21.1	1.05	1.87	2.98	1.93	1.11	2.18	3.89	
100,000 to 499,999	23	4,954	169.0	58.5	19.4	1.14	1.92	2.79	1.65	.87	1.13	2.26	
500,000 and over	43	5,002	172.5	53.3	17.3	1.27	1.97	2.74	1.47	.77	.91	2.35	
1/ Biennial-census totals for the industry: Establishments, 146; wage earners, 14,564; wages, \$16,905,970.													
2/ N. H., 1 estab.; Mass., 5; R. I., 1. 3/ N. J., 7 estab.; Pa., 14. 4/ Mich., 2 estab.; Ohio, 10.													
5/ Ill., 19 estab.; Mo., 2; Wis., 2. 6/ Md., 1 estab.; W. Va., 3; Ky., 1; Tenn., 1; Ga., 1; Ala., 1.													

ELECTRICAL MEASURING INSTRUMENTS

Total for man-hour tabulations	1/37	1/6,842	168.3	70.6	30.3	.84	1.85	2.95	2.11	1.10	1.59	1.88
By districts and States												
District A---N. H., Mass., Conn., N. Y., N. J., and Pa.	2/18	4,752	168.5	73.7	32.2	.85	1.91	3.20	2.35	1.29	1.98	2.22
District B, total	14	2,010	167.6	64.2	26.2	.79	1.69	2.38	1.59	.69	.71	1.14
Michigan and Ohio	3/5	461	172.9	46.0	17.8	.63	1.27	2.03	1.40	.76	.48	1.00
Indiana and Illinois	4/9	1,549	166.1	69.9	28.8	.83	1.82	2.48	1.65	.66	.78	1.18
District C---Minn., Kans., Miss., and Calif.	5/5	80	176.5	47.9	22.2	1.40	2.10	2.48	1.08	.38	.39	.46
By size of plant												
1 to 20 wage earners	14	122	179.0	53.3	43.2	1.18	2.14	3.33	2.15	1.19	.45	.97
21 to 100	13	565	177.9	48.0	44.7	1.12	2.04	3.17	2.05	1.13	.47	.77
101 to 500	6	926	172.4	56.3	25.9	.77	1.59	2.10	1.33	.51	.44	1.04
501 to 2,500	4	5,229	166.3	76.3	29.2	.81	1.87	3.07	2.26	1.20	1.96	2.17
By size of city												
Under 10,000 inhabitants	4	267	165.1	41.8	9.0	.37	.87	1.55	1.18	.68	.31	.80
10,000 to 24,999	3	90	186.3	43.0	21.3	1.20	1.85	2.15	.95	.30	.37	.57
25,000 to 99,999	11	3,714	163.5	73.5	29.4	.86	1.89	2.82	1.96	.93	2.17	2.30
100,000 to 499,999	7	2,384	173.1	74.7	35.2	.82	1.92	3.30	2.48	1.38	1.12	1.59
500,000 and over	12	387	183.5	47.0	25.7	1.01	1.74	3.08	2.07	1.34	.41	.66
1/ Biennial-census totals for the industry: Establishments, 59; wage earners, 6,976; wages, \$9,881,124.												
2/ N. H., 3 estab.; Mass., 3; Conn., 2; N. Y., 3; N. J., 6; Pa., 1. 3/ Mich., 1 estab.; Ohio, 4.												
4/ Ind., 2 estab.; Ill., 7. 5/ Minn., 1 estab.; Kans., 1; Miss., 1; Calif., 2.												

AUTOMOTIVE ELECTRICAL EQUIPMENT

Total for man-hour tabulations	1/60	1/17,271	159.7	74.7	19.4	1.24	2.18	3.26	2.02	1.08	2.20	4.08
By districts and States												
District A---Vt., Mass., and Conn.	2/5	1,080	167.9	72.0	26.3	1.05	2.03	2.66	1.61	.63	1.28	1.78
District B---N. Y., N. J., and Pa.	3/22	3,685	165.6	71.3	37.0	1.06	2.14	2.77	1.71	.63	3.32	6.62
District C, total	29	12,399	157.2	76.3	13.3	1.31	2.21	3.48	2.17	1.27	1.95	3.55
Michigan, Ohio, and Indiana	4/20	11,883	157.0	77.4	12.5	1.30	2.20	3.50	2.20	1.30	1.88	3.54
Illinois	6	310	178.6	58.0	32.3	1.81	2.71	3.56	1.75	.85	5.61	4.25
Wisconsin	3	206	134.4	42.8	26.9	1.22	1.92	2.39	1.17	.47	1.10	3.34
District D---Minnesota, Missouri, California	5/4	107	167.0	38.7	8.9	.68	1.16	1.50	.82	.34	.29	.69
By size of plant												
1 to 20 wage earners	21	175	170.5	51.4	40.9	1.28	2.21	3.04	1.76	.83	.69	2.29
21 to 100	23	1,231	165.7	46.8	19.0	1.24	1.90	2.38	1.14	.48	.98	2.98
101 to 500	9	1,766	163.8	62.6	20.1	1.10	1.93	2.85	1.75	.92	1.85	2.54
501 and over	6/7	14,099	158.5	79.1	19.0	1.26	2.24	3.40	2.14	1.16	2.38	4.39
By size of city												
Under 10,000 inhabitants	10	1,304	170.6	60.8	23.7	1.42	2.27	2.87	1.45	.60	2.41	2.39
10,000 to 24,999	4	1,298	159.2	71.9	7.3	2.12	2.91	4.06	1.94	1.15	1.96	3.34
25,000 to 99,999	15	7,404	151.7	81.1	17.0	1.11	2.09	3.15	2.04	1.06	1.81	3.32
100,000 to 499,999	13	6,024	166.4	74.9	22.8	1.23	2.21	3.50	2.27	1.29	2.91	5.84
500,000 and over	18	1,241	164.2	56.3	22.8	.88	1.67	2.31	1.43	.64	.86	2.64

TABLE 3.--AVERAGES PER MAN-HOUR, BY DISTRICTS AND STATES AND BY SIZE CLASSES, FOR SELECTED

ESTABLISHMENTS IN 171 INDUSTRIES: 1939--Continued

District, State, and class	Estab-lish-ments	Wage earners (average for year)	Hours per month	Per wage-earner man-hour							Horse-power per W. E.	
				Wage earnings cents	Salary costs, cents	Cost mate-rials	Prime cost	Value prod-ucts	Value added	V. P. minus P. C.		Electric energy used, KWH
AUTOMOTIVE ELECTRICAL EQUIPMENT---Continued												
1/ Biennial-census totals for the industry: Establishments, 84; wage earners, 17,495; wages, \$24,896,474.												
2/ Vt., 1 estab.; Mass., 3; Conn., 1. 3/ N. Y., 10 estab.; N. J., 8; Pa., 4. 4/ Mich., 7 estab.; Ohio, 10; Ind., 3.												
5/ Minn., 1 estab.; Mo., 2; Calif., 1. 6/ 501-2,500 group, 5 estab.; "2,501 and over" group, 2.												
GENERATING, DISTRIBUTION, AND INDUSTRIAL APPARATUS, AND APPARATUS FOR INCORPORATION IN MANUFACTURED PRODUCTS, NOT ELSEWHERE CLASSIFIED												
Total for man-hour tabulations	1/338	1/67,078	164.4	75.4	36.4	\$1.35	\$2.47	\$3.40	\$2.05	\$.93	3.44	5.19
The North (Districts A, B, C, and D)	286	64,901	164.4	75.6	36.3	1.33	2.45	3.37	2.04	.92	3.51	5.24
The South (Districts E and F)	18	687	164.6	60.4	41.8	1.82	2.84	4.19	2.37	1.35	.78	2.18
The West (District G)	34	1,490	163.5	75.8	37.6	2.00	3.13	4.49	2.49	1.36	1.75	4.52
By districts and States												
District A--N. H., Mass., and Conn.	2/35	8,923	167.1	80.3	46.7	1.19	2.46	3.64	2.45	1.18	4.79	7.99
District B, total	76	29,352	162.6	83.8	40.3	1.42	2.66	3.56	2.14	.90	4.58	6.12
New York and New Jersey	3/52	15,220	160.2	83.6	42.0	1.45	2.71	3.64	2.19	.93	5.12	6.90
Pennsylvania	24	14,132	165.3	84.1	38.5	1.39	2.61	3.48	2.09	.87	4.01	5.28
District C, total	1/42	20,293	164.5	67.1	30.1	1.24	2.21	3.10	1.86	.89	1.99	3.46
Michigan	24	2,679	175.1	63.9	21.5	1.25	2.10	2.87	1.62	.77	.93	1.96
Ohio	55	7,794	164.2	67.1	26.9	1.55	2.49	3.42	1.87	.93	1.66	3.68
Indiana and Illinois	4/40	6,205	159.4	66.9	35.1	1.01	2.03	2.91	1.90	.88	3.25	3.93
Wisconsin	23	3,615	166.1	70.1	35.5	.96	2.02	2.91	1.95	.89	1.43	3.28
District D, total	35	6,333	168.3	58.6	23.4	1.39	2.21	2.98	1.59	.77	1.66	3.01
Minnesota, North Dakota, and Iowa	5/15	410	185.2	57.8	36.6	1.82	2.77	3.54	1.72	.77	1.31	3.20
Missouri	20	5,923	167.1	58.7	22.4	1.36	2.17	2.94	1.58	.77	1.68	3.00
District E, total	8	449	163.3	64.7	41.6	1.42	2.48	3.91	2.49	1.43	.80	1.85
Maryland	3	182	166.2	66.8	52.9	1.13	2.33	3.06	1.93	.73	.49	1.63
D. C., W. Va., N. C., and Ky.	6/5	267	161.4	63.2	33.7	1.63	2.60	4.52	2.89	1.92	1.01	1.99
District F, total	10	238	167.1	52.4	42.3	2.54	3.48	4.69	2.15	1.21	.74	2.82
Georgia and Alabama	7/3	128	162.0	54.3	46.7	2.68	3.69	5.09	2.41	1.40	.68	1.58
Louisiana, Oklahoma, and Texas	8/7	110	173.0	50.4	37.5	2.38	3.26	4.25	1.87	.99	.81	4.26
District G, total	34	1,490	163.5	75.8	37.6	2.00	3.13	4.49	2.49	1.36	1.75	4.52
Washington and Oregon	9/5	107	166.6	73.7	37.2	1.89	3.00	4.27	2.38	1.27	.96	3.90
California	29	1,383	163.2	76.0	37.6	2.00	3.14	4.51	2.51	1.37	1.82	4.56
By size of plant												
1 to 20 wage earners	127	1,280	173.5	57.5	42.4	1.73	2.73	3.51	1.78	.78	.73	3.45
21 to 100	118	5,616	169.0	60.9	32.9	1.59	2.53	3.54	1.95	1.01	.92	3.66
101 to 500	69	14,326	170.5	65.5	34.6	1.47	2.47	3.54	2.07	1.07	1.46	3.92
501 and over	10/24	45,856	161.6	81.1	37.3	1.27	2.45	3.34	2.07	.89	4.50	5.83
The North by size of city												
Under 10,000 inhabitants	31	10,983	168.7	79.8	33.0	1.20	2.33	3.00	1.80	.67	4.01	4.20
10,000 to 24,999	24	1,771	178.4	47.8	21.2	.93	1.62	2.28	1.35	.66	.57	1.34
25,000 to 99,999	45	24,655	162.5	82.8	40.4	1.40	2.63	3.57	2.17	.94	5.18	7.07
100,000 to 499,999	50	8,920	160.0	72.9	33.6	1.16	2.23	3.06	1.90	.83	2.74	4.77
500,000 and over	136	18,572	165.2	67.8	35.9	1.44	2.48	3.60	2.16	1.12	1.68	4.03
The South by size of city												
Under 100,000 inhabitants	11/5	267	162.5	61.7	30.3	1.50	2.42	4.34	2.84	1.92	1.01	2.12
100,000 and over	12/13	420	166.0	59.5	49.0	2.01	3.09	4.09	2.08	1.00	.63	2.23
The West by size of city												
10,000 to 499,999 inhabitants	13/12	493	166.5	74.8	30.5	2.77	3.82	5.56	2.79	1.74	1.92	4.96
500,000 and over	22	997	162.0	76.4	41.2	1.60	2.78	3.95	2.35	1.17	1.67	4.30
1/ Biennial-census totals for the industry: Establishments, 491; wage earners, 70,401; wages, \$104,083,541.												
2/ N. H., 1 estab.; Mass., 19; Conn., 13. 3/ N. Y., 32 estab.; N. J., 20. 4/ Ind., 6 estab.; Ill., 34.												
5/ Minn., 9 estab.; N. Dak., 1; Iowa, 5. 6/ D. C., 1 estab.; W. Va., 1; N. C., 1; Ky., 2. 7/ Ga., 2 estab.; Ala., 1.												
8/ La., 1 estab.; Okla., 2; Tex., 4. 9/ Wash., 2 estab.; Oreg., 3. 10/ 501-2,500 group, 19 estab.; "2,501 and over" group, 5.												
11/ "Under 10,000" group, 1 estab.; 10,000-24,999 group, 2; 25,000-99,999 group, 2. 12/ 100,000-499,999 group, 9 estab.; "500,000 and over" group, 4. 13/ 10,000-24,999 group, 1 estab.; 100,000-499,999 group, 11.												

ELECTRICAL APPLIANCES												
Total for man-hour tabulations	1/91	1/19,101	163.1	66.0	17.7	1.49	2.33	3.77	2.28	1.44	2.22	2.98
The North (Districts A, B, and C)	83	18,507	163.3	66.0	17.5	1.49	2.32	3.79	2.30	1.47	2.19	2.93
The West (District D)	8	594	158.9	66.2	21.7	1.58	2.46	3.18	1.60	.72	3.03	4.41
By districts and States												
District A, total	29	6,221	165.2	61.7	15.7	1.17	1.94	4.04	2.87	2.10	1.88	3.73
Massachusetts and Connecticut	2/13	5,415	163.1	63.9	15.4	1.16	1.96	4.32	3.16	2.36	2.01	3.94
New York, New Jersey, and Pennsylvania	2/16	806	179.0	48.2	17.7	1.16	1.82	2.29	1.13	.47	1.03	2.28
District B, total	48	11,447	162.2	69.9	18.9	1.67	2.56	3.74	2.07	1.18	2.46	2.58
Michigan	7	510	151.8	69.2	27.2	1.57	2.53	3.69	2.12	1.16	3.10	4.82
Ohio	13	5,815	156.0	72.2	12.5	1.88	2.72	3.87	1.99	1.15	2.55	2.68
Indiana, Illinois, and Wisconsin	4/28	5,122	170.2	67.7	24.9	1.46	2.39	3.60	2.14	1.21	2.30	2.25
District C--Missouri and Tennessee	5/6	839	163.9	45.5	14.1	1.49	2.08	2.71	1.22	.63	.92	1.80
District D--Washington, Oregon, California	6/8	594	158.9	66.2	21.7	1.58	2.46	3.18	1.60	.72	3.03	4.41

ESTABLISHMENTS IN 171 INDUSTRIES: 1939---Continued

District, State, and class	Estab- lish- ments	Wage earners (average for year)	Hours per month	Per wage-earner man-hour								Horse- power per W. E.
				Wage earnings cents	Salary costs, cents	Cost mate- rials	Prime cost	Value prod- ucts	Value added	V. P. minus P. C.	Electric energy used, KWH	

ELECTRICAL APPLIANCES---Continued

<u>By size of plant</u>												
1 to 20 wage earners	32	307	162.2	50.4	32.8	\$1.54	\$2.37	\$2.98	\$1.44	\$.61	.58	2.19
21 to 100	23	1,125	164.7	47.7	32.1	2.18	2.98	3.94	1.76	.96	1.07	2.30
101 to 500	24	4,825	169.0	56.3	16.5	1.28	2.01	2.83	1.55	.82	1.52	2.83
501 and over	7/12	12,844	160.8	71.9	16.5	1.51	2.40	4.15	2.64	1.75	2.63	3.11
<u>The North by size of city</u>												
Under 10,000 inhabitants	11	2,364	168.7	65.4	12.4	1.04	1.82	6.70	5.66	4.88	1.65	3.67
10,000 to 24,999	7	302	154.5	41.6	28.3	1.31	2.01	2.52	1.21	.51	1.39	2.66
25,000 to 99,999	15	6,144	161.9	64.7	9.1	1.78	2.52	3.23	1.45	.71	2.41	2.79
100,000 to 499,999	14	3,515	158.4	69.8	21.3	1.25	2.16	3.51	2.26	1.35	2.19	3.71
500,000 and over	36	6,182	165.7	66.6	25.4	1.51	2.43	3.41	1.90	.98	2.22	2.36

1/ Biennial-census totals for the industry: Establishments, 138; wage earners, 19,890; wages, \$25,408,770.

2/ Mass., 3 estab.; Conn., 10. 3/ N. Y., 7 estab.; N. J., 5; Pa., 4.

5/ Mo., 5 estab.; Tenn., 1. 6/ Wash., 2 estab.; Oreg., 1; Calif., 5. 7/ Ind., 3 estab.; Ill., 21; Wis., 4.

7/ 501-2,500 group, 11 estab.; "2,501 and over" group, 1.

ELECTRIC LAMPS

Total for man-hour tabulations	1/43	1/8,224	158.8	59.4	17.9	1.67	2.45	4.98	3.31	2.53	2.89	2.44
<u>By districts and States</u>												
District A---Massachusetts	5	766	144.9	57.6	30.2	2.12	3.00	5.10	2.98	2.10	3.20	1.99
District B, total	25	4,356	160.6	61.0	20.0	1.23	2.04	3.85	2.62	1.81	3.01	2.08
New York and Pennsylvania	2/9	656	167.1	48.6	13.1	1.29	1.91	3.69	2.40	1.78	1.32	1.67
New Jersey	16	3,700	159.5	63.3	21.3	1.22	2.07	3.88	2.66	1.81	3.33	2.15
District C---Ohio, Ky., Ill., Mo., and Calif.	3/13	3,102	159.6	57.5	12.1	2.19	2.89	6.54	4.35	3.65	2.65	3.05
<u>By size of plant</u>												
1 to 20 wage earners	7	96	153.1	39.7	24.0	.95	1.58	1.99	1.04	.41	.72	.84
21 to 100	17	874	163.0	38.6	20.2	1.31	1.90	3.41	2.10	1.51	1.20	1.61
101 to 2,500	4/19	7,254	158.3	62.2	17.5	1.73	2.52	5.21	3.48	2.69	3.13	2.56
<u>By size of city</u>												
Under 25,000 inhabitants	5/6	245	158.5	37.8	27.0	1.42	2.07	3.74	2.32	1.67	1.20	1.80
25,000 to 99,999	9	3,838	161.7	64.3	22.8	1.25	2.12	3.78	2.53	1.66	3.55	2.12
100,000 to 499,999	15	1,825	151.3	55.2	13.8	2.35	3.04	6.82	4.47	3.78	2.46	2.72
500,000 and over	13	2,316	159.9	56.6	11.6	1.90	2.58	5.74	3.84	3.16	2.29	2.81

1/ Biennial-census totals for the industry: Establishments, 55; wage earners, 9,622; wages, \$10,689,019.
2/ N. Y., 6 estab.; Pa., 3. 3/ Ohio, 7 estab.; Ky., 1; Ill., 2; Mo., 2; Calif., 1.
4/ 101-500 group, 18 estab.; 501-2,500 group, 1. 5/ "Under 10,000" group, 2 estab.; 10,000-24,999 group, 4.

RADIOS, RADIO TUBES, AND PHONOGRAPHS

Total for man-hour tabulations	1/121	1/39,750	166.2	54.8	20.3	1.62	2.37	3.12	1.50	.75	1.34	1.74
<u>The North (Districts A, B, C, and D)</u>	103	36,981	165.7	55.1	20.1	1.67	2.42	3.20	1.53	.78	1.37	1.77
The South (District E)	3	2,277	173.9	49.0	23.0	.64	1.36	1.67	1.03	.31	.97	1.04
The West (District F)	15	492	167.4	59.9	18.8	2.78	3.57	4.85	2.07	1.28	.98	2.48
<u>By districts and States</u>												
District A---Mass., R. I., and Conn.	2/11	3,473	177.8	44.9	16.4	.58	1.19	2.00	1.42	.81	1.13	1.59
District B, total	45	20,130	166.9	59.4	23.4	1.55	2.38	3.22	1.67	.84	1.76	2.08
New York	28	4,394	164.7	59.4	24.2	2.30	3.14	4.21	1.91	1.07	.92	2.16
New Jersey and Pennsylvania	3/17	15,736	167.5	59.4	23.2	1.35	2.18	2.95	1.60	.77	2.00	2.06
District C, total	42	13,175	160.6	51.2	15.8	2.17	2.84	3.51	1.34	.67	.82	1.35
Michigan and Ohio	4/7	1,679	156.6	49.8	13.9	1.91	2.55	3.29	1.38	.74	1.05	1.54
Indiana	6	2,479	152.1	54.3	22.8	2.03	2.80	3.16	1.13	.36	1.64	2.87
Illinois and Wisconsin	5/29	9,017	163.6	50.6	14.3	2.26	2.91	3.64	1.38	.73	.57	.90
District D---Minnesota, Iowa, and Missouri	6/5	203	179.1	52.4	31.7	1.15	1.99	2.63	1.48	.64	.68	1.93
District E---Maryland and Kentucky	7/3	2,277	173.9	49.0	23.0	.64	1.36	1.67	1.03	.31	.97	1.04
District F---Washington, Oregon, and California	8/15	492	167.4	59.9	18.8	2.78	3.57	4.85	2.07	1.28	.98	2.48
<u>By size of plant</u>												
1 to 20 wage earners	37	427	177.1	54.2	40.0	1.36	2.30	3.13	1.77	.83	.89	2.04
21 to 100	33	1,597	170.6	49.9	32.1	2.05	2.87	3.85	1.80	.98	.63	1.59
101 to 500	29	7,941	165.3	52.9	21.1	1.67	2.41	3.34	1.67	.93	.94	1.50
501 and over	9/22	29,785	166.1	55.5	19.1	1.59	2.34	3.03	1.44	.69	1.49	1.81
<u>The North by size of city</u>												
Under 10,000 inhabitants	6	2,084	168.3	49.0	16.2	.75	1.40	1.67	.92	.27	.98	.66
10,000 to 24,999	7	4,145	158.2	55.1	23.1	1.03	1.81	2.51	1.48	.70	1.92	2.37
25,000 to 99,999	14	5,084	167.1	49.2	14.8	1.04	1.68	2.19	1.15	.51	1.19	1.21
100,000 to 499,999	23	11,421	172.8	60.0	24.0	.99	1.83	2.71	1.72	.88	2.05	2.92
500,000 and over	53	14,247	161.5	53.9	18.6	2.80	3.53	4.41	1.61	.88	.75	1.04

1/ Biennial-census totals for the industry: Establishments, 224; wage earners, 43,508; wages, \$47,025,658.
2/ Mass., 6 estab.; R. I., 1; Conn., 4. 3/ N. J., 14 estab.; Pa., 3. 4/ Mich., 3 estab.; Ohio, 4.
5/ Ill., 28 estab.; Wis., 1. 6/ Minn., 2 estab.; Iowa, 2; Mo., 1. 7/ Md., 2 estab.; Ky., 1.
8/ Wash., 1 estab.; Oreg., 1; Calif., 13. 9/ 501-2,500 group, 19 estab.; "2,501 and over" group, 3.

TABLE 3.—AVERAGES PER MAN-HOUR, BY DISTRICTS AND STATES AND BY SIZE CLASSES, FOR SELECTED

ESTABLISHMENTS IN 171 INDUSTRIES: 1939—Continued

District, State, and class	Estab-lish-ments	Wage earners (average for year)	Hours per month	Per wage-earner man-hour								Horse-power per W. E.
				Wage earnings cents	Salary costs, cents	Cost mate-rials	Prime cost	Value prod-ucts	Value added	V. P. minus P. C.	Electric energy used, KWH	
COMMUNICATION EQUIPMENT												
Total for man-hour tabulations	1/151	1/31,008	165.2	70.6	40.2	.73	\$1.84	\$3.01	\$2.28	\$1.17	1.98	3.91
The North (Districts A, B, C, and D)	135	30,852	165.1	70.7	40.4	.73	1.84	3.02	2.29	1.18	1.99	3.92
The South (District E)	4	18	167.5	57.9	18.6	1.07	1.83	2.48	1.41	.65	.24	1.22
The West (District F)	12	138	178.1	53.5	20.7	.67	1.41	1.95	1.28	.54	.38	.92
By districts and States												
District A---Massachusetts and Connecticut	2/17	2,984	162.7	50.8	25.5	.80	1.57	2.00	1.20	.43	.97	1.68
District B, total	59	10,904	164.5	65.3	42.4	.67	1.75	2.49	1.82	.74	1.83	5.76
New York	32	2,166	167.7	56.1	32.2	.76	1.64	2.13	1.37	.49	1.11	2.99
New Jersey	16	6,772	165.2	69.4	46.3	.66	1.82	2.67	2.01	.85	2.20	6.68
Pennsylvania	11	1,966	158.3	61.3	40.4	.59	1.61	2.27	1.68	.66	1.36	5.63
District C, total	54	16,899	165.9	77.7	41.7	.75	1.94	3.52	2.77	1.58	2.27	3.15
Michigan and Ohio	3/12	1,169	172.5	49.0	21.2	.94	1.64	2.31	1.37	.67	.45	1.09
Indiana, Illinois, and Wisconsin	4/42	15,730	165.4	79.9	43.2	.73	1.96	3.61	2.88	1.65	2.41	3.30
District D---Minnesota and Missouri	5/5	65	178.1	54.9	27.0	1.01	1.83	3.11	2.10	1.28	.33	1.69
District E---D. C., Ga., Ia., and Tex.	6/4	18	167.5	57.9	18.6	1.07	1.83	2.48	1.41	.65	.24	1.22
District F---Colorado and California	7/12	138	178.1	53.5	20.7	.67	1.41	1.95	1.28	.54	.38	.92
By size of plant												
1 to 20 wage earners	53	391	172.3	56.7	42.9	1.23	2.23	3.17	1.94	.94	.57	1.52
21 to 100	53	2,747	173.0	48.2	28.4	.77	1.53	1.96	1.19	.43	.50	1.26
101 to 500	34	8,555	170.9	49.6	23.0	.71	1.43	2.04	1.33	.61	.88	1.56
501 and over	8/11	19,315	161.3	84.2	50.1	.72	2.06	3.62	2.90	1.56	2.75	5.37
The North by size of city												
Under 10,000 inhabitants	17	3,114	165.4	42.8	14.6	.63	1.21	1.78	1.15	.57	1.08	2.54
10,000 to 24,999	4	984	166.7	44.5	19.8	.72	1.36	1.63	.91	.27	1.42	.77
25,000 to 99,999	20	4,607	164.7	86.7	70.0	.93	2.50	3.69	2.76	1.19	2.95	8.70
100,000 to 499,999	21	5,316	170.7	50.9	20.1	.58	1.29	1.78	1.20	.49	1.16	2.60
500,000 and over	73	16,831	163.3	79.6	44.9	.74	1.98	3.55	2.81	1.57	2.20	3.48
1/ Biennial-census totals for the industry: Establishments, 227; wage earners, 32,119; wages, \$44,444,379.												
2/ Mass., 11 estab.; Conn., 6. 3/ Mich., 1 estab.; Ohio, 11. 4/ Ind., 4 estab.; Ill., 37; Wis., 1.												
5/ Minn., 3 estab.; Mo., 2. 6/ D. C., 1 estab.; Ga., 1; Ia., 1; Tex., 1. 7/ Colo., 1 estab.; Calif., 11.												
8/ 501-2,500 group, 9 estab.; "2,501 and over" group, 2.												
X-RAY AND THERAPEUTIC APPARATUS AND ELECTRONIC TUBES												
Total for man-hour tabulations	1/46	1/1,837	173.8	67.1	43.2	1.39	2.50	4.40	3.01	1.90	.95	1.59
The North (Districts A, B, and C)	40	1,791	173.6	67.2	42.5	1.35	2.45	4.32	2.97	1.87	.97	1.60
The West (District D)	6	46	178.8	65.4	68.9	2.83	4.17	7.29	4.46	3.12	.36	1.26
By districts and States												
District A---Massachusetts and Connecticut	2/3	115	180.0	65.3	39.4	.61	1.66	2.52	1.91	.86	.97	.81
District B, total	16	465	165.9	78.3	53.3	1.71	3.03	3.76	2.05	.73	1.06	1.88
New York	10	331	168.1	77.6	46.2	1.63	2.87	3.46	1.83	.59	.84	2.02
New Jersey and Pennsylvania	2/6	134	160.6	80.2	71.9	1.92	3.44	4.53	2.61	1.09	1.64	1.54
District C, total	21	1,211	176.0	63.3	38.8	1.30	2.32	4.70	3.40	2.38	.93	1.56
Michigan, Ohio, Kentucky, and Indiana	4/7	320	172.2	62.8	54.1	1.95	3.12	4.00	2.05	.88	.49	1.40
Illinois and Wisconsin	5/14	891	177.3	63.5	33.5	1.07	2.04	4.95	3.88	2.91	1.09	1.62
District D---California	6	46	178.8	65.4	68.9	2.83	4.17	7.29	4.46	3.12	.36	1.26
By size of plant												
1 to 20 wage earners	29	218	173.7	61.8	70.4	1.72	3.04	4.69	2.97	1.65	1.00	1.74
21 to 100	12	584	171.6	58.9	44.2	1.47	2.50	3.41	1.94	.91	.55	1.32
101 to 500	5	1,035	175.0	72.8	36.9	1.28	2.38	4.89	3.61	2.51	1.17	1.71
The North by size of city												
Under 10,000 inhabitants	4	69	174.9	73.5	110.6	2.03	3.87	7.72	5.69	3.85	1.58	1.59
10,000 to 99,999	6/7	254	176.1	67.8	33.1	1.58	2.59	3.29	1.71	.70	.85	1.49
100,000 to 499,999	7	249	164.7	64.6	56.4	1.66	2.87	3.72	2.06	.85	.89	1.15
500,000 and over (West above is this city-size)	22	1,249	174.6	67.1	38.4	1.22	2.28	4.45	3.23	2.17	.97	1.70
1/ Biennial-census totals for the industry: Establishments, 64; wage earners, 1,959; wages, \$2,744,251.												
2/ Mass., 1 estab.; Conn., 2. 3/ N. J., 4 estab.; Pa., 2. 4/ Mich., 1 estab.; Ohio, 4; Ky., 1; Ind., 1.												
5/ Ill., 12 estab.; Wis., 2. 6/ 10,000-24,999 group, 2 estab.; 25,000-99,999 group, 5.												
ELECTRICAL PRODUCTS NOT ELSEWHERE CLASSIFIED												
Total for man-hour tabulations	1/102	1/4,312	168.4	65.9	36.5	1.28	2.30	3.62	2.34	1.32	3.48	4.54
The North (Districts A, B, C, and D)	85	4,040	168.9	66.3	36.8	1.24	2.27	3.53	2.39	1.36	3.60	4.54
The South (District E)	10	229	160.7	58.9	34.4	2.02	2.95	3.54	1.52	.59	1.68	4.73
The West (District F)	7	43	168.7	62.6	22.9	1.41	2.27	3.29	1.88	1.02	1.07	3.84
By districts and States												
District A---Mass., R. I., and Conn.	2/10	716	155.8	64.6	16.7	1.31	2.12	3.70	2.39	1.58	1.91	3.26
District B, total	21	1,524	180.8	69.3	52.1	1.09	2.31	3.32	2.23	1.01	3.58	4.32
New York	10	909	181.3	49.3	35.3	.92	1.77	1.94	1.02	.17	.56	.73
New Jersey	10	909	179.6	80.8	62.9	1.23	2.67	4.12	2.89	1.45	5.34	5.83
Pennsylvania	10	285	184.3	53.4	34.9	.81	1.70	2.20	1.39	.50	1.09	3.26

District, State, and class	Estab- lish- ments	Wage earners (average for year)	Hours per month	Per wage-earner man-hour								Horse- power per W. E.
				Wage earnings cents	Salary costs, cents	Cost mate- rials	Prime cost	Value prod- ucts	Value added	V. P. minus P. C.	Electric energy used, kWh	
ELECTRICAL PRODUCTS NOT ELSEWHERE CLASSIFIED--Continued												
District C, total	38	1,652	163.6	64.3	29.2	\$1.36	\$2.29	\$3.96	\$2.60	\$1.67	4.42	5.25
Michigan	6	313	144.1	49.1	19.2	1.32	2.01	2.80	1.48	.79	.76	1.38
Ohio and Indiana	3/16	840	164.1	75.6	24.5	1.27	2.28	4.72	3.45	2.44	8.06	9.01
Illinois	11	388	174.3	53.0	43.3	1.51	2.47	3.49	1.98	1.02	.56	1.54
Wisconsin	5	111	177.8	58.6	35.9	1.49	2.43	2.98	1.49	.55	.63	2.11
District D---Minnesota, Iowa, and Missouri	4/6	48	157.6	46.7	33.7	1.28	2.09	2.63	1.35	.54	1.07	3.94
District E, total	10	229	160.7	58.9	34.4	2.02	2.95	3.54	1.52	.59	1.68	4.72
Maryland, District of Columbia, and West Virginia	5/7	170	161.9	62.2	36.4	2.19	3.17	3.84	1.65	.67	1.89	5.37
North Carolina, Georgia, and Alabama	6/3	59	157.2	49.2	28.4	1.53	2.30	2.67	1.14	.37	1.05	2.90
District F---Colo., Utah, Oreg., and Calif.	7/7	43	168.7	62.6	22.9	1.41	2.27	3.29	1.88	1.02	1.07	3.84
By size of plant												
1 to 20 wage earners	62	561	169.3	55.1	38.6	1.35	2.29	3.05	1.70	.76	.99	3.15
21 to 100	31	1,308	173.1	62.8	33.5	1.42	2.38	3.34	1.92	.96	1.25	2.94
101 to 2,500	8/9	2,443	165.7	70.1	37.7	1.18	2.26	3.92	2.74	1.66	5.31	5.72
The North by size of city												
Under 10,000 inhabitants	13	634	156.5	44.8	22.2	1.17	1.84	2.58	1.41	.74	.93	2.10
10,000 to 99,999	2/15	1,072	177.7	80.3	60.1	1.12	2.52	3.77	2.65	1.25	5.08	5.75
100,000 to 499,999	18	728	164.0	66.9	18.6	1.48	2.34	4.02	2.54	1.68	1.98	2.77
500,000 and over	39	1,606	170.1	64.0	33.7	1.24	2.21	3.75	2.51	1.54	4.25	5.50
1/ Biennial-census totals for the industry: Establishments, 175; wage earners, 6,014; wages, \$7,409,584.												
2/ Mass., 4 estab.; R. I., 3; Conn., 3.												
3/ Ohio, 14 estab.; Ind., 2.												
4/ Minn., 1 estab.; Iowa, 2; Mo., 3.												
5/ Md., 4 estab.; D. C., 1; W. Va., 2.												
6/ N. C., 1 estab.; Ga., 1; Ala., 1.												
7/ Colo., 1 estab.; Utah, 1; Oreg., 2; Calif., 3.												
8/ 101-500 group, 8 estab.; 501-2,500 group, 1.												
9/ 10,000-24,999 group, 3 estab.; 25,000-99,999 group, 12.												
STEAM ENGINES, TURBINES, AND WATER WHEELS												
Total for man-hour tabulations	1/18	1/3,902	153.7	88.2	43.3	1.33	2.64	3.44	2.11	.80	3.07	4.50
By districts and States												
District A, total	12	3,681	153.3	89.3	43.3	1.33	2.66	3.49	2.16	.83	3.21	4.41
Massachusetts, New York, and Ohio	2/4	333	186.7	62.3	28.9	1.40	2.31	3.08	1.68	.77	4.64	3.23
Pennsylvania	8	3,348	150.0	92.6	45.1	1.33	2.70	3.54	2.21	.84	3.03	4.52
District B---Illinois, Iowa, Texas, California	3/6	221	160.3	71.5	44.0	1.23	2.38	2.63	1.40	.25	.86	6.10
By size of plant												
1 to 20 wage earners	5	68	159.1	61.8	54.9	.76	1.93	2.48	1.72	.55	.80	5.75
21 to 100	6	355	156.8	64.0	36.7	1.14	2.15	2.48	1.34	.33	1.08	7.21
101 to 2,500	4/7	3,479	153.3	91.3	43.8	1.36	2.71	3.56	2.20	.85	3.32	4.20
By size of city												
Under 10,000 inhabitants	3	315	168.5	59.4	37.1	1.48	2.44	3.18	1.70	.74	2.80	5.85

TABLE 3.—AVERAGES PER MAN-HOUR, BY DISTRICTS AND STATES AND BY SIZE CLASSES, FOR SELECTED

ESTABLISHMENTS IN 171 INDUSTRIES: 1939—Continued

District, State, and class	Estab- lish- ments	Wage earners (average for year)	Hours per month	Per wage-earner man-hour								Horse- power per H. E.
				Wage earnings cents	Salary costs, cents	Cost mate- rials	Prime cost	Value prod- ucts	Value added	V. P. minus P. C.	Electric energy used, KWH	
INTERNAL-COMBUSTION ENGINES---Continued												
The North by size of city												
Under 10,000 inhabitants	7	1,185	199.1	52.3	22.7	\$.87	\$1.62	\$2.27	\$1.40	\$.65	1.68	4.09
10,000 to 24,999	6	2,115	177.8	61.2	23.8	2.01	2.86	3.94	1.93	1.08	1.78	4.92
25,000 to 99,999	16	4,843	165.5	70.1	24.8	1.34	2.29	3.34	2.00	1.05	3.41	8.52
100,000 to 499,999	11	1,487	173.1	83.4	27.9	2.26	3.37	4.12	1.86	.75	1.32	6.78
500,000 and over	19	4,615	171.0	75.0	37.2	2.11	3.23	3.90	1.79	.67	2.20	5.15
1/ Biennial-census totals for the industry: Establishments, 74; wage earners, 14,752; wages, \$21,503,252.												
2/ N. J., 2 estab.; Pa., 4. 3/ Ind., 2 estab.; Ill., 4. 4/ Minn., 3 estab.; Iowa, 1; Nebr., 1.												
MACHINE TOOLS												
Total for man-hour tabulations	1/173	1/36,016	186.9	75.8	26.1	.76	1.78	2.63	1.87	.85	1.50	4.64
By districts and States												
District A, total	49	13,220	188.7	74.0	27.4	.65	1.66	2.55	1.90	.89	1.50	4.25
Vermont	4	1,720	202.7	55.4	28.3	.71	1.55	2.78	2.07	1.23	1.61	4.60
New Hampshire, Massachusetts, and Rhode Island	2/24	6,970	187.3	75.0	27.7	.69	1.72	2.63	1.94	.91	1.51	4.05
Connecticut	21	4,530	185.7	80.1	26.5	.56	1.63	2.34	1.78	.71	1.44	4.41
District B, total	24	3,767	185.4	77.9	25.5	.68	1.71	2.52	1.84	.81	1.30	4.95
New York and New Jersey	3/16	2,374	185.4	86.9	28.2	.63	1.78	2.61	1.98	.83	1.45	5.07
Pennsylvania	8	1,393	185.4	62.5	20.8	.76	1.59	2.36	1.60	.77	1.03	4.76
District C, total	95	18,881	186.2	76.8	25.4	.85	1.88	2.72	1.87	.84	1.54	4.86
Michigan	17	2,470	190.6	80.2	25.2	1.04	2.09	2.67	1.63	.58	1.20	5.91
Ohio and Kentucky	4/47	10,805	184.2	76.5	24.7	.84	1.85	2.73	1.89	.88	1.64	4.91
Indiana	5	879	198.8	68.5	24.5	.77	1.70	2.83	2.06	1.13	1.43	5.59
Illinois	17	2,538	181.2	72.4	32.4	.87	1.92	2.73	1.86	.81	1.61	5.14
Wisconsin	9	2,189	191.7	82.9	21.9	.71	1.76	2.67	1.96	.91	1.39	2.81
District D---Minn., Iowa, Mo., and Calif.	5/5	148	162.1	51.1	17.3	.59	1.28	1.53	.94	.25	.66	3.34
By size of plant												
1 to 20 wage earners	36	405	172.6	61.6	43.3	1.05	2.10	2.81	1.76	.71	.87	6.80
21 to 100	70	3,892	182.0	66.9	28.5	1.01	1.96	2.67	1.66	.71	1.07	5.42
101 to 500	48	11,515	189.7	72.3	26.6	.84	1.83	2.69	1.85	.86	1.47	5.46
501 and over	6/19	20,204	186.6	79.7	25.0	.66	1.71	2.59	1.93	.88	1.60	3.98
By size of city												
Under 10,000 inhabitants	24	3,796	193.1	58.3	22.9	.71	1.53	2.46	1.75	.93	1.39	4.40
10,000 to 24,999	14	2,279	181.2	71.9	25.7	.57	1.54	2.20	1.63	.66	1.36	5.05
25,000 to 99,999	51	9,378	184.6	73.3	25.1	.81	1.79	2.48	1.67	.69	1.43	4.62
100,000 to 499,999	51	15,145	188.9	80.1	29.2	.73	1.82	2.71	1.98	.89	1.48	4.79
500,000 and over	33	5,418	183.5	82.0	21.7	.87	1.91	3.00	2.13	1.09	1.79	4.26
1/ Biennial-census totals for the industry: Establishments, 200; wage earners, 36,624; wages, \$47,333,150.												
2/ N. H., 1 estab.; Mass., 20; R. I., 3. 3/ N. Y., 12 estab.; N. J., 4. 4/ Ohio, 45 estab.; Ky., 2.												
5/ Minn., 1 estab.; Iowa, 1; Mo., 2; Calif., 1. 6/ 501-2,500 group, 18 estab.; "2,501 and over" group, 1.												
MACHINE-TOOL AND OTHER METALWORKING MACHINERY ACCESSORIES, METAL-CUTTING AND SHAPING TOOLS, AND MACHINISTS' PRECISION TOOLS												
Total for man-hour tabulations	1/650	1/20,879	177.2	77.5	24.1	.56	1.58	2.35	1.79	.77	1.46	4.16
The North (Districts A, B, C, and D)	615	20,656	177.3	77.6	24.3	.56	1.58	2.35	1.79	.77	1.47	4.16
The South (District E)	8	48	176.2	49.8	22.9	.57	1.30	1.71	1.14	.41	.54	3.35
The West (District F)	27	175	164.3	72.0	7.9	.39	1.19	1.83	1.44	.64	.80	4.71
By districts and States												
District A, total	86	5,303	179.1	61.4	21.7	.41	1.24	1.94	1.53	.70	1.39	4.10
New Hampshire, Vermont, and Massachusetts	2/39	3,184	177.5	58.7	20.3	.41	1.20	1.93	1.52	.73	1.46	4.26
Rhode Island and Connecticut	3/47	2,119	181.5	65.4	23.8	.40	1.29	1.96	1.56	.67	1.29	3.86
District B, total	123	2,675	176.8	68.4	24.3	.45	1.38	2.07	1.62	.69	1.02	3.17
New York	63	994	179.5	72.1	26.4	.37	1.36	1.95	1.58	.59	.64	2.45
New Jersey	24	384	185.6	72.7	21.7	.46	1.41	1.72	1.26	.31	.74	2.19
Pennsylvania	36	1,297	172.1	64.0	23.4	.52	1.39	2.28	1.76	.89	1.41	4.01
District C, total	387	12,437	176.7	86.8	25.6	.65	1.77	2.60	1.95	.83	1.60	4.42
Michigan	148	5,476	175.0	99.6	28.3	.78	2.06	3.06	2.28	1.00	1.89	4.96
Ohio	105	3,624	179.3	79.4	26.1	.51	1.56	2.38	1.87	.82	1.55	4.50
Indiana	32	714	176.9	87.0	19.0	.49	1.55	2.08	1.59	.53	.82	2.74
Illinois	66	2,084	177.6	72.0	19.6	.68	1.59	2.20	1.52	.61	1.36	3.78
Wisconsin	36	539	173.3	64.7	26.2	.46	1.37	1.80	1.34	.43	.87	3.12
District D, total	19	241	177.4	71.7	14.7	.54	1.40	1.91	1.37	.51	1.23	2.98
Minnesota and Iowa	4/13	136	181.2	67.5	15.8	.46	1.30	1.73	1.27	.43	.64	3.62
Missouri	6	105	172.5	77.3	13.3	.64	1.54	2.16	1.52	.62	2.03	2.16
District E---Del., Md., Ky., La., and Tex.	5/8	48	176.2	49.8	22.9	.57	1.30	1.71	1.14	.41	.54	3.35
District F---Colo., Wash., Oreg., and Calif.	6/27	175	164.3	72.0	7.9	.39	1.19	1.83	1.44	.64	.80	4.71
By size of plant												
1 to 20 wage earners	411	3,889	174.1	76.8	25.6	.52	1.55	2.16	1.64	.61	.84	3.64
21 to 100	198	8,306	179.2	78.4	24.1	.49	1.52	2.11	1.62	.59	1.04	3.47
101 to 500	37	6,430	175.7	82.9	24.9	.72	1.80	2.80	2.08	1.00	2.20	5.13
501 to 2,500	4	2,254	179.8	60.7	19.7	.43	1.23	2.30	1.87	1.07	1.96	4.88

ESTABLISHMENTS IN 171 INDUSTRIES: 1939--Continued

District, State, and class	Estab- lish- ments	Wage sarners (average for year)	Hours per month	Per wage-earner man-hour								Horse- power per H. E.	
				Wage earnings cents	Salary costs, cents	Cost mate- rials	Prime cost	Value prod- ucts	Value added	V. P. minus P. C.	Electric energy used, kWh		
MACHINE-TOOL AND OTHER METALWORKING MACHINERY ACCESSORIES, METAL-CUTTING AND SHAPING TOOLS, AND MACHINISTS' PRECISION TOOLS---Continued													
<u>The North by size of city</u>													
Under 10,000 inhabitants	41	1,587	180.4	67.5	19.4	\$.57	\$1.44	\$2.40	\$1.83	\$.96	2.15	4.71	
10,000 to 24,999	34	2,729	173.4	60.1	21.4	.45	1.26	2.16	1.71	.90	1.44	4.57	
25,000 to 99,999	94	2,399	181.3	71.2	21.3	.44	1.37	1.87	1.43	.50	1.20	3.79	
100,000 to 499,999	173	5,089	180.4	74.3	23.9	.45	1.43	2.05	1.60	.62	.96	2.99	
500,000 and over	273	8,852	175.1	88.7	27.1	.69	1.85	2.72	2.03	.87	1.72	4.72	
<u>The West by size of city</u>													
25,000 to 499,999 inhabitants	7/11	53	162.8	66.0	5.9	.47	1.19	1.83	1.36	.64	1.02	6.89	
500,000 and over	16	122	165.0	74.5	8.8	.35	1.18	1.82	1.47	.64	.71	3.76	
1/ Biennial-census totals for the industry: Establishments, 954; wage earners, 25,161; wages, \$41,346,606.													
2/ N. H., 1 estab.; Vt., 2 estab.; Mass., 36.													
3/ R. I., 9 estab.; Conn., 38.													
4/ Minn., 10 estab.; Iowa, 3.													
5/ Del., 1 estab.; Md., 2; Ky., 3; La., 1; Tex., 1.													
6/ Colo., 1 estab.; Wash., 1; Oreg., 2; Calif., 23.													
7/ 25,000-99,999 group, 1 estab.; 100,000-499,999 group, 10.													

METALWORKING MACHINERY AND EQUIPMENT, NOT ELSEWHERE CLASSIFIED												
Total for man-hour tabulations	1/139	1/14,902	176.9	75.0	29.6	1.05	2.10	2.98	1.93	.88	1.53	5.50
The North (Districts A, B, C, and D)	133	14,362	177.0	74.2	29.7	1.06	2.10	2.99	1.93	.89	1.54	5.54
The West (District E)	6	540	173.4	97.1	28.3	.80	2.05	2.73	1.93	.68	1.28	4.42
<u>By districts and States</u>												
District A--N. H., Mass., R. I., and Conn.	2/18	1,560	179.7	67.6	39.6	1.00	2.07	2.64	1.64	.57	1.25	7.41
District B, total	35	4,851	174.6	73.2	30.0	1.02	2.05	2.88	1.86	.83	1.64	6.73
New York	13	1,932	179.0	73.4	20.3	.80	1.73	2.12	1.32	.39	1.32	7.07
New Jersey and Maryland	3/9	1,590	177.7	77.9	39.5	1.00	2.17	2.88	1.88	.71	1.06	3.86
Pennsylvania	13	1,329	171.7	67.3	33.4	1.36	2.37	4.00	2.64	1.63	2.80	9.67
District C, total	69	7,380	178.1	76.7	26.9	1.08	2.11	3.07	1.99	.96	1.58	4.53
Michigan	9	854	180.4	77.0	22.2	.72	1.71	2.84	2.12	1.13	1.38	3.43
Ohio	29	4,455	176.1	77.6	25.4	1.11	2.14	3.06	1.95	.92	1.63	4.13
Indiana	5	127	167.7	55.2	31.6	.93	1.80	2.27	1.34	.47	1.73	8.41
Illinois	22	1,801	181.7	75.8	31.5	1.19	2.26	3.25	2.06	.99	1.61	5.79
Wisconsin	4	143	191.0	77.5	35.3	.98	2.10	3.23	2.25	1.13	.93	4.41
District D, total	11	571	176.4	67.4	35.8	1.32	2.35	3.80	2.48	1.45	1.07	3.40
Minnesota	6	269	176.1	63.4	27.4	1.26	2.17	3.55	2.29	1.38	.46	2.22
Iowa and Missouri	4/5	302	176.7	70.9	43.3	1.37	2.51	4.02	2.65	1.51	1.61	4.44
District E--Washington, Oregon, California	5/6	540	173.4	97.1	28.3	.80	2.05	2.73	1.93	.68	1.28	4.42
<u>By size of plant</u>												
1 to 20 wage earners	39	378	174.1	64.5	41.2	1.27	2.32	3.26	1.99	.94	1.18	6.29
21 to 100	60	2,904	174.6	70.2	38.4	1.07	2.16	3.00	1.93	.84	1.16	6.22
101 to 500	33	7,178	180.0	73.5	27.7	1.13	2.14	3.28	2.15	1.14	1.75	5.35
501 to 2,500	7	4,442	173.6	81.6	26.0	.88	1.96	2.44	1.56	.48	1.45	5.22
<u>The North by size of city</u>												
Under 10,000 inhabitants	13	1,919	165.4	67.2	27.5	1.09	2.04	3.59	2.50	1.55	1.55	4.05
10,000 to 24,999	13	1,386	184.0	71.8	30.9	1.10	2.13	2.59	1.49	.46	1.62	6.65
25,000 to 99,999	26	2,443	189.0	66.4	21.6	.82	1.70	2.49	1.67	.79	1.76	6.45
100,000 to 499,999	35	4,513	171.3	80.3	37.2	1.12	2.29	3.02	1.90	.73	1.38	5.07
500,000 and over	46	4,101	179.3	76.4	27.4	1.11	2.15	3.14	2.03	.99	1.55	5.84
1/ Biennial-census totals for the industry: Establishments, 178; wage earners, 15,899; wages, \$25,089,052.												
2/ N. H., 1 estab.; Mass., 6; R. I., 2; Conn., 9.												
3/ N. J., 7 estab.; Md., 2.												
4/ Iowa, 2 estab.; Mo., 3.												
5/ Wash., 2 estab.; Oreg., 1; Calif., 3.												

WOODWORKING MACHINERY												
Total for man-hour tabulations	1/99	1/3,308	174.2	61.7	29.9	1.10	2.01	2.86	1.76	.85	1.30	5.92
The North (Districts A, B, C, and D)	70	2,862	176.1	61.2	30.8	1.13	2.05	2.92	1.79	.87	1.23	5.96
The South (District E)	10	170	180.0	43.7	19.9	.74	1.38	2.07	1.33	.69	1.00	3.33
The West (District F)	19	276	150.9	81.4	26.7	1.02	2.10	2.83	1.81	.73	2.27	7.14
<u>By districts and States</u>												
District A--Massachusetts and Connecticut	2/9	261	169.5	65.7	31.0	.64	1.61	2.20	1.56	.59	1.77	11.08
District B, total	18	786	169.4	58.2	38.0	1.23	2.19	2.81	1.58	.62	.81	4.53
New York	7	271	179.5	58.8	29.5	1.35	2.23	2.47	1.12	.24	.71	5.02
New Jersey	4	361	159.6	60.7	46.2	1.18	2.25	2.72	1.54	.47	.92	3.96
Pennsylvania	7	154	174.3	51.8	36.0	1.09	1.97	3.62	2.53	1.65	.75	4.99
District C, total	37	1,726	179.8	62.5	27.3	1.16	2.06	3.08	1.92	1.02	1.37	6.02
Michigan	8	280	175.5	75.0	28.3	.75	1.59	2.35	1.60	.76	.81	6.91
Ohio	9	207	169.5	56.9	35.6	1.55	2.48	3.67	2.12	1.19	1.06	3.07
Indiana	5	84	168.8	61.3	40.2	1.40	2.41	3.26	1.86	.85	.93	8.20
Illinois	9	453	184.8	70.7	29.1	1.02	2.02	3.47	2.45	1.45	1.18	4.23
Wisconsin	6	702	182.7	61.4	22.0	1.29	2.12	2.93	1.64	.81	1.85	7.43
District D, total	6	89	181.5	47.5	38.7	.95	1.81	2.51	1.56	.70	.61	2.33
Minnesota	3	51	180.5	56.9	41.4	1.09	2.07	2.93	1.84	.86	.84	3.12
Iowa and Missouri	2/3	38	183.0	35.1	35.2	.78	1.48	1.97	1.19	.49	.32	1.26
District E--Va., N. C., Ky., Tenn., Ala., La.	4/10	170	180.0	43.7	19.9	.74	1.38	2.07	1.33	.69	1.00	3.33

ESTABLISHMENTS IN 171 INDUSTRIES: 1939—Continued

District, State, and class	Estab- lish- ments	Wage earners (average for year)	Hours per month	Per wage-earner man hour							Horse- power per W. E.
				Wage earnings cents	Salary costs, cents	Cost mate- rials	Prime cost	Value prod- ucts	Value added	V. P. minus P. C.	Electric energy used, KWH

WOODWORKING MACHINERY—Continued

District F, total	19	276	150.9	81.4	26.7	\$1.02	\$2.10	\$2.83	\$1.81	\$.73	2.27	7.14
Washington	10	215	143.1	87.6	21.9	1.05	2.14	2.94	1.89	.80	2.74	7.47
Oregon and California	5/9	61	178.5	63.7	40.2	.94	1.98	2.52	1.58	.54	.94	5.98
By size of plant												
1 to 20 wage earners	57	455	163.7	60.7	38.8	1.21	2.21	2.92	1.71	.71	.98	6.96
21 to 100	35	1,499	170.3	59.7	33.7	.89	1.82	2.76	1.87	.94	1.18	5.57
101 to 500	7	1,354	182.0	64.2	23.4	1.28	2.16	2.95	1.67	.79	1.51	5.96
The North by size of city												
Under 10,000 inhabitants	21	543	167.6	53.2	40.0	.74	1.67	1.94	1.20	.27	1.06	6.97
10,000 to 24,999	5	185	182.6	48.2	38.1	1.11	1.97	2.91	1.80	.94	.98	3.42
25,000 to 99,999	14	1,053	183.2	62.4	26.3	.86	1.75	2.64	1.78	.89	1.62	6.37
100,000 to 499,999	19	519	173.5	61.8	28.6	1.32	2.22	3.00	1.68	.78	.71	5.16
500,000 and over	11	562	170.9	70.3	30.7	1.84	2.85	4.29	2.45	1.44	1.20	5.77
The South by size of city												
Under 100,000 inhabitants	6/6	87	170.4	42.9	27.8	.69	1.39	2.05	1.36	.66	.80	4.64
100,000 to 499,999	4	83	190.1	44.5	12.5	.79	1.36	2.08	1.29	.72	1.18	1.95

1/ Biennial-census totals for the industry: Establishments, 130; wage earners, 3,622; wages, \$4,656,946.
2/ Mass., 8 estab.; Conn., 1. 3/ Iowa, 2 estab.; Mo., 1. 4/ Va., 1 estab.; N. C., 3; Ky., 1; Tenn., 3; Ala., 1; La., 1.
5/ Oreg., 3 estab.; Calif., 6. 6/ "Under 10,000" group, 1; 10,000-24,999 group, 1; 25,000-99,999 group, 4.

PAPER-MILL, PULP-MILL, AND PAPER-PRODUCTS MACHINERY												
Total for man-hour tabulations	1/79	1,475	179.7	67.6	35.0	1.11	2.14	2.77	1.66	.63	1.44	7.03
By districts and States												
District A, total	23	1,200	177.9	62.0	33.0	.97	1.92	2.48	1.51	.56	1.47	8.22
Maine, New Hampshire, and Connecticut	2/7	196	175.5	61.6	29.8	.49	1.40	1.82	1.33	.42	1.16	3.26
Massachusetts	16	1,004	178.4	62.1	33.6	1.07	2.03	2.61	1.54	.58	1.53	9.18
District B, total	30	2,054	179.7	69.4	34.7	1.11	2.15	2.68	1.57	.53	1.34	5.63
New York	20	982	180.3	65.9	36.0	.83	1.85	2.31	1.48	.46	1.28	5.12
Pennsylvania	5	355	172.9	70.1	37.5	.94	2.02	2.54	1.60	.52	1.16	5.47
New Jersey, Delaware, and Maryland	3/5	717	182.3	73.7	31.5	1.57	2.62	3.24	1.67	.62	1.50	6.40
District C, total	22	1,394	180.8	69.2	38.5	1.27	2.35	3.19	1.92	.84	1.65	8.41
Michigan, Ohio, Indiana, and Illinois	4/10	574	163.5	71.4	32.7	1.30	2.34	3.42	2.12	1.08	2.07	13.25
Wisconsin	12	820	193.0	67.9	41.9	1.25	2.35	3.05	1.80	.70	1.40	5.03
District D—Minnesota and Kansas	5/4	107	186.6	74.4	20.2	.65	1.60	2.17	1.52	.57	.67	2.50
By size of plant												
1 to 20 wage earners	32	292	168.0	67.3	36.7	.96	2.00	2.86	1.90	.86	.91	5.90
21 to 100	28	1,436	182.5	63.0	32.0	.87	1.82	2.26	1.39	.44	1.26	5.63
101 to 500	19	3,027	179.6	69.9	36.3	1.25	2.31	3.01	1.76	.70	1.58	7.80
By size of city												
Under 10,000 inhabitants	16	790	176.1	62.0	35.4	1.02	1.99	2.63	1.61	.64	1.27	6.66
10,000 to 24,999	12	310	182.3	61.7	30.2	1.08	2.00	2.68	1.60	.68	1.97	14.48
25,000 to 99,999	26	1,960	180.9	65.6	35.5	1.13	2.14	2.81	1.68	.67	1.69	7.52
100,000 to 499,999	13	819	178.8	77.7	37.1	1.48	2.62	3.13	1.65	.51	1.44	7.23
500,000 and over	12	876	180.5	69.9	33.4	.83	1.86	2.48	1.65	.62	.87	3.43

1/ Biennial-census totals for the industry: Establishments, 99; wage earners, 5,409; wages, \$7,775,242. 2/ Mo., 1 estab.; N. H., 4; Conn., 2.
3/ N. J., 3 estab.; Del., 1; Md., 1. 4/ Mich., 2 estab.; Ohio, 6; Ind., 1; Ill., 1. 5/ Minn., 3 estab.; Kans., 1.

FOOD-PRODUCTS MACHINERY												
Total for man-hour tabulations	1/252	1,12,561	172.0	66.1	30.6	1.08	2.05	3.11	2.03	1.06	1.12	5.34
The North (Districts A, B, C, and D)	196	10,877	170.7	66.1	31.2	1.08	2.05	3.18	2.10	1.13	1.11	5.35
The South (Districts E and F)	28	1,059	178.5	65.5	18.1	1.14	1.98	2.61	1.47	.63	1.20	4.21
The West (District G)	28	625	182.9	66.9	41.7	1.04	2.12	2.87	1.83	.75	1.12	7.07
By districts and States												
District A, total	15	560	173.5	66.2	51.3	1.26	2.44	3.76	2.50	1.32	.85	3.67
New Hampshire and Vermont	2/3	88	172.3	52.1	25.1	.97	1.74	2.37	1.40	.63	.56	3.51
Massachusetts	8	297	171.7	62.8	36.1	1.10	2.09	2.83	1.73	.74	.88	4.74
Connecticut	4	175	177.3	78.7	89.2	1.66	3.34	5.96	4.30	2.62	.94	1.95
District B, total	61	3,109	174.1	66.9	37.8	.98	2.03	2.94	1.96	.91	1.35	6.33
New York	37	2,353	174.9	68.2	41.8	.88	1.98	2.93	2.05	.95	1.41	7.42
New Jersey	6	237	166.4	76.0	35.1	1.60	2.71	3.65	2.05	.94	1.03	2.78
Pennsylvania	18	519	173.9	56.8	20.8	1.22	2.00	2.69	1.47	.69	1.23	3.01
District C, total	89	6,244	169.4	66.2	26.1	1.09	2.01	3.23	2.14	1.22	1.05	5.14
Michigan	10	519	160.0	79.9	46.1	1.22	2.48	3.72	2.50	1.24	2.14	5.36
Ohio	25	1,796	171.3	63.1	27.3	1.06	1.96	3.48	2.42	1.52	1.46	4.17
Indiana	6	305	182.9	66.4	54.6	1.14	2.35	4.28	3.14	1.93	1.62	3.97
Illinois	30	2,190	174.1	69.0	21.8	1.20	2.11	3.18	1.98	1.07	.61	3.34
Wisconsin	18	1,434	160.5	60.7	17.7	.90	1.69	2.56	1.66	.87	.69	9.30
District D, total	31	964	166.2	62.3	29.8	1.21	2.13	3.31	2.10	1.18	.89	4.47
Minnesota	16	398	167.4	62.3	26.2	1.10	1.98	3.11	2.01	1.13	.94	4.31
Iowa, Nebraska, and Kansas	3/6	344	167.6	61.9	29.8	1.15	2.07	3.61	2.46	1.54	.84	4.78
Missouri	9	222	162.1	62.8	36.7	1.51	2.50	3.18	1.67	.68	.88	4.26
District E, total	18	823	174.8	72.6	18.2	1.18	2.09	2.74	1.56	.65	1.36	4.05
Maryland	10	731	176.0	76.7	15.6	1.16	2.09	2.76	1.60	.67	1.40	3.57
Virginia, North Carolina, Kentucky, and Tennessee	4/8	92	165.6	38.7	40.8	1.28	2.07	2.51	1.23	.44	.95	7.91

ESTABLISHMENTS IN 171 INDUSTRIES: 1939—Continued

District, State, and class	Estab- lish- ments	Wage earners (average for year)	Hours per month	Per wage-earner man-hour								Horse- power per W. E.	
				Wage earnings cents	Salary costs, cents	Cost mats- rials	Prime cost	Value prod- ucts	Value added	V. P. minus P. C.	Electric energy used, KWH		
FOOD-PRODUCTS MACHINERY---Continued													
District F---Ga., Fla., Ala., La., Okla., Tex.	5/10	236	191.1	42.6	17.5	\$1.02	\$1.62	\$2.21	\$1.19	\$.59	.70	4.76	
District G, total	28	625	182.9	66.9	41.7	1.04	2.12	2.87	1.83	.75	1.12	7.07	
Colorado, Washington, and Oregon	6/10	164	183.1	64.3	28.9	.93	1.86	2.37	1.44	.51	.75	6.40	
California	18	461	182.8	67.8	46.2	1.08	2.22	3.05	1.97	.83	1.25	7.31	
By size of plant													
1 to 20 wage earners	128	1,087	175.1	58.9	35.2	1.29	2.23	3.04	1.75	.81	.93	5.40	
21 to 100	101	4,777	173.9	62.7	33.7	1.24	2.20	3.22	1.98	1.02	.91	4.42	
101 to 500	19	3,868	171.1	66.9	28.0	1.00	1.95	2.97	1.97	1.02	1.57	7.39	
501 to 2,500	4	2,829	168.7	73.5	26.9	.85	1.86	3.17	2.32	1.31	2.68	4.05	
The North by size of city													
Under 10,000 inhabitants	32	2,183	166.8	57.7	19.8	.94	1.72	3.03	2.09	1.31	1.24	7.81	
10,000 to 24,999	17	1,338	170.7	61.8	25.5	.87	1.75	2.89	2.02	1.14	1.04	3.27	
25,000 to 99,999	43	2,606	169.9	69.5	37.8	1.25	2.33	3.63	2.38	1.30	1.54	5.10	
100,000 to 499,999	42	1,408	171.1	63.6	35.2	1.05	2.04	2.85	1.80	.81	.99	4.41	
500,000 and over	62	3,342	173.7	71.3	33.9	1.13	2.18	3.19	2.06	1.01	.78	5.16	
The South by size of city													
Under 10,000 inhabitants	10	253	191.6	43.9	17.5	.93	1.54	1.95	1.02	.41	.55	4.22	
10,000 to 99,999	2/4	81	195.3	45.4	30.2	1.10	1.86	2.54	1.44	.68	.73	7.04	
100,000 to 499,999	6	97	172.4	49.2	14.7	1.01	1.65	2.04	1.03	.39	.71	4.97	
500,000 and over	8	628	171.9	80.6	17.0	1.26	2.23	3.00	1.74	.77	1.64	3.72	
The West by size of city													
Under 100,000 inhabitants	8/9	293	179.2	66.1	49.7	.82	1.98	2.50	1.68	.52	1.60	7.23	
100,000 to 499,999	9	163	180.1	70.0	34.4	1.15	2.19	2.89	1.74	.70	.77	6.07	
500,000 and over	10	169	191.9	65.3	35.3	1.31	2.31	3.47	2.16	1.16	.66	7.75	
1/ Biennial-census totals for the industry: Establishments, 379; wage earners, 13,979; wages, \$18,936,642.													
2/ N. H., 1 estab.; Vt., 2. 3/ Iowa, 3 estab.; Nebr., 2; Kans., 1. 4/ Va., 4 estab.; N. C., 1; Ky., 2; Tenn., 1.													
5/ Ga., 1 estab.; Fla., 2; Ala., 1; La., 2; Okla., 1; Tex., 3. 6/ Colo., 2 estab.; Wash., 4; Oreg., 4.													
7/ 10,000-24,999 group, 1 estab.; 25,000-99,999 group, 3. 8/ "Under 10,000" group, 2 estab.; 25,000-99,999 group, 7.													

COMMERCIAL LAUNDRY, DRY-CLEANING, AND PRESSING MACHINERY

Total for man-hour tabulations	1/55	1/2,534	167.2	64.3	32.4	1.64	2.61	4.08	2.44	1.47	1.00	5.16
The North (Districts A, B, and C)	44	2,409	166.8	64.9	33.3	1.63	2.61	4.10	2.47	1.49	1.03	5.33
The South (District D)	7	99	176.0	48.1	17.5	1.74	2.40	3.43	1.69	1.03	.42	1.58
The West (District E)	4	26	175.8	78.3	9.4	2.54	3.42	5.36	2.82	1.94	.65	3.08
By districts and States												
District A, total	21	1,344	166.6	67.7	36.0	1.68	2.72	4.45	2.77	1.73	.99	5.71
Massachusetts, Rhode Island, and New York	2/14	1,259	166.6	68.0	35.6	1.65	2.69	4.37	2.72	1.68	.99	5.36
New Jersey and Pennsylvania	3/7	85	167.4	64.1	41.8	2.11	3.17	5.61	3.50	2.44	1.02	10.92
District B, total	15	957	165.6	62.9	29.4	1.50	2.43	3.55	2.05	1.12	1.13	5.22
Michigan, Ohio, and Indiana	4/7	359	151.4	71.3	26.3	1.36	2.34	3.21	1.85	.87	1.31	4.19
Illinois and Wisconsin	5/8	598	174.1	58.6	30.9	1.57	2.47	3.72	2.15	1.25	1.04	5.83
District C—Minnesota, Missouri, and Nebraska	6/8	108	179.0	47.7	33.9	2.06	2.87	4.54	2.48	1.67	.55	1.62
District D—N. C., Ga., Ky., Ark., Okla., Tex.	7/7	99	176.0	48.1	17.5	1.74	2.40	3.43	1.69	1.03	.42	1.58
District E—Colorado and California	8/4	26	175.8	78.3	9.4	2.54	3.42	5.36	2.82	1.94	.65	3.08
By size of plant												
1 to 20 wage earners	36	303	177.9	58.1	41.1	1.98	2.97	4.51	2.53	1.54	.72	4.98
21 to 100	12	406	173.3	59.7	32.3	1.95	2.87	4.26	2.31	1.39	.68	2.69
101 to 500	7	1,825	164.1	66.5	30.8	1.51	2.49	3.97	2.46	1.48	1.12	5.74
The North by size of city												
Under 100,000 inhabitants	2/10	487	179.5	53.8	27.6	1.64	2.45	4.27	2.63	1.82	1.22	7.86
100,000 to 499,999	13	1,422	161.4	69.9	33.4	1.57	2.60	4.08	2.51	1.48	1.03	4.73
500,000 and over	21	500	169.6	62.7	38.9	1.79	2.81	3.99	2.20	1.18	.83	4.58
The South by size of city												
25,000 to 99,999 inhabitants	3	31	184.4	46.4	37.5	1.86	2.70	3.40	1.54	.70	.54	2.16
100,000 to 499,999	4	68	172.1	48.9	7.8	1.68	2.25	3.44	1.76	1.19	.36	1.31
1/ Biennial-census totals for the industry: Establishments, 82; wage earners, 2,705; wages, \$3,476,555.												
2/ Mass., 2 estab.; R. I., 1; N. Y., 11. 3/ N. J., 4 estab.; Pa., 3. 4/ Mich., 2 estab.; Ohio, 3; Ind., 2.												
5/ Ill., 6 estab.; Wis., 2. 6/ Minn., 2 estab.; Mo., 5; Nebr., 1. 7/ N. C., 1 estab.; Ga., 1; Ky., 1; Ark., 1; Okla., 1; Tex., 2.												
8/ Colo., 1 estab.; Calif., 3. 9/ "Under 10,000" group, 2 estab.; 10,000-24,999 group, 3; 25,000-99,999 group, 5.												

OIL-FIELD MACHINERY AND TOOLS

Total for man-hour tabulations	1/157	1/11,433	173.5	72.3	25.2	1.15	2.12	3.33	2.18	1.21	3.27	7.66
The North (Districts A, B, and C)	37	2,330	156.0	67.7	25.5	1.39	2.32	3.27	1.88	.95	2.96	9.84
The South (Districts D and E)	82	7,074	179.6	70.5	22.6	1.03	1.96	3.06	2.03	1.10	3.04	6.14
The West (District F)	38	2,029	172.6	83.7	34.2	1.31	2.49	4.36	3.05	1.87	4.43	10.43
By districts and States												
District A—Pennsylvania	16	1,024	150.2	66.1	25.9	1.50	2.42	2.93	1.43	.51	3.88	10.39
District B, total	12	954	162.7	70.8	23.6	1.49	2.43	3.53	2.04	1.10	2.43	9.56
Michigan and Ohio	2/9	853	161.8	72.4	25.4	1.55	2.53	3.67	2.12	1.14	2.69	10.49
Indiana and Illinois	3/3	101	170.3	57.9	9.2	1.05	1.72	2.44	1.39	.72	.35	1.69
District C—Missouri and Kansas	4/9	352	154.9	63.3	30.1	.80	1.74	3.51	2.71	1.77	1.90	9.03

ESTABLISHMENTS IN 171 INDUSTRIES: 1939---Continued

District, State, and class	Estab-lish-ments	Wage earners (average for year)	Hours per month	Per wage-earner man-hour								Horse-power per W. E.
				Wage earnings cents	Salary costs, cents	Cost mate-rials	Prime cost	Value prod-ucts	Value added	V. P. minus P. C.	Electric energy used, KWH	
OIL-FIELD MACHINERY AND TOOLS---Continued												
District D, total	13	532	148.4	63.2	24.4	\$1.80	\$2.68	\$3.42	\$1.62	\$.74	2.42	9.73
West Virginia, Kentucky, and Tennessee	5/9	420	141.3	61.9	26.9	1.93	2.82	3.43	1.50	.61	1.78	9.31
Louisiana	4	112	175.1	67.4	16.8	1.41	2.25	3.38	1.97	1.13	4.33	11.27
District E, total	69	6,542	182.1	71.0	22.4	.98	1.92	3.04	2.06	1.12	3.08	5.85
Oklahoma	23	1,006	165.4	63.9	19.0	1.50	2.33	3.21	1.71	.88	1.53	7.32
Texas	46	5,536	185.1	72.1	23.0	.90	1.85	3.01	2.11	1.16	3.33	5.58
District F---California	38	2,029	172.6	83.7	34.2	1.31	2.49	4.36	3.05	1.87	4.43	10.43
<u>By size of plant</u>												
1 to 20 wage earners	65	590	160.7	70.4	38.5	1.41	2.50	3.89	2.48	1.39	1.83	10.05
21 to 100	71	3,164	170.9	73.6	28.7	1.40	2.42	4.06	2.66	1.64	2.53	8.05
101 to 500	18	3,428	164.7	69.3	23.3	1.39	2.31	3.39	2.00	1.08	3.70	9.00
501 and over	6/3	4,251	184.4	73.8	22.4	.77	1.73	2.71	1.94	.98	3.64	5.95
<u>The North by size of city</u>												
Under 10,000 inhabitants	7	215	180.4	60.7	11.0	.95	1.67	2.74	1.79	1.07	4.35	5.23
10,000 to 99,999	7/21	1,070	152.8	63.9	27.6	1.45	2.37	2.92	1.47	.55	2.96	9.99
100,000 and over	8/9	1,045	154.4	73.2	26.9	1.44	2.44	3.76	2.32	1.32	2.64	10.64
<u>The South by size of city</u>												
Under 10,000 inhabitants	11	359	183.2	75.2	19.8	1.56	2.51	2.98	1.42	.47	.73	5.21
10,000 to 99,999	9/21	1,107	166.5	62.3	16.7	1.49	2.28	2.90	1.41	.62	3.40	7.61
100,000 to 499,999	50	5,608	181.9	71.7	23.8	.92	1.87	3.10	2.18	1.23	3.12	5.91
<u>The West by size of city</u>												
Under 10,000 inhabitants	13	846	177.7	80.0	36.1	.97	2.13	3.65	2.68	1.52	5.82	11.35
10,000 to 24,999	7	214	175.6	94.2	40.1	1.98	3.33	5.43	3.45	2.10	2.28	7.79
25,000 to 499,999	10/5	92	192.9	70.2	24.4	1.07	2.02	2.64	1.57	.62	1.99	5.10
500,000 and over	13	877	164.9	86.5	31.9	1.52	2.70	5.02	3.50	2.32	3.84	10.74
1/ Biennial-census totals for the industry: Establishments, 223; wage earners, 12,524; wages, \$18,740,996. 2/ Mich., 1 estab.; Ohio, 8. 3/ Ind., 1 estab.; Ill., 2. 4/ Mo., 3 estab.; Kans., 6. 5/ W. Va., 7 estab.; Ky., 1; Tenn., 1. 6/ 501-2,500 group, 2 estab.; "2,501 and over" group, 1. 7/ 10,000-24,999 group, 19 estab.; 25,000-99,999 group, 2. 8/ 100,000-499,999 group, 6 estab.; "500,000 and over" group, 3. 9/ 10,000-24,999 group, 3 estab.; 25,000-99,999 group, 18. 10/ 25,000-99,999 group, 4 estab.; 100,000-499,999 group, 1.												

MINING MACHINERY AND EQUIPMENT

Total for man-hour tabulations	1/53	1/4,830	159.4	66.3	30.5	1.61	2.57	3.53	1.92	.96	2.12	6.51
The North (First 3 groups of States below)	33	3,851	157.7	68.5	31.5	1.52	2.52	3.56	2.04	1.04	2.32	6.69
The South (4th and 5th groups)	7	620	156.0	52.6	21.9	1.27	2.02	2.62	1.35	.60	1.33	5.19
The West (6th and 7th groups)	13	359	183.8	66.0	33.6	2.88	3.88	4.54	1.66	.66	1.34	6.84
By districts and States												
Pennsylvania	12	773	153.1	66.0	21.9	2.66	3.54	4.69	2.03	1.15	1.68	6.37
N. H., Mich., Ohio, Ind., Ill., and Wis.	2/12	2,655	157.0	71.1	36.6	1.27	2.34	3.45	2.18	1.11	2.70	6.96
Iowa, Missouri, and Kansas	3/9	423	170.6	57.3	17.8	1.12	1.87	2.38	1.26	.51	1.19	5.61
West Virginia	4	365	157.4	59.0	27.0	1.45	2.31	2.93	1.48	.62	1.47	5.87
Kentucky, Tennessee, and Texas	4/3	255	153.9	43.2	14.5	1.02	1.60	2.17	1.15	.57	1.14	4.20
Colorado, Utah, and California	5/10	222	182.8	67.3	32.8	3.36	4.36	5.29	1.93	.93	1.16	7.09
Washington	3	137	185.4	64.0	34.9	2.11	3.10	3.35	1.24	.25	1.63	6.43
By size of plant												
1 to 20 wage earners	18	176	171.8	64.3	34.1	1.75	2.73	3.82	2.07	1.09	1.15	8.97
21 to 100	27	1,298	163.6	60.9	27.7	2.48	3.37	4.25	1.77	.88	1.52	6.23
101 to 500	5	899	157.9	59.5	18.4	1.23	2.01	2.58	1.35	.57	1.33	5.64
501 to 2,500	3	2,457	156.8	71.9	36.2	1.25	2.33	3.46	2.21	1.13	2.81	6.80
The North by size of city												
Under 10,000 inhabitants	9	320	140.2	56.4	27.5	1.40	2.24	2.49	1.09	.25	1.13	4.78
10,000 to 24,999	9	1,022	164.9	64.3	24.5	2.06	2.95	3.90	1.84	.95	2.39	8.34
25,000 to 99,999	8	467	155.4	63.7	20.4	1.06	1.90	2.36	1.30	.46	1.80	7.38
100,000 and over	6/7	2,042	157.3	73.5	38.3	1.35	2.47	3.80	2.45	1.33	2.58	6.01
The South by size of city												
Under 25,000 inhabitants	7/4	273	158.5	52.9	25.1	1.27	2.05	2.52	1.25	.47	1.45	4.45
25,000 to 499,999	8/3	347	154.0	52.3	19.4	1.29	2.00	2.71	1.42	.71	1.24	5.77
1/ Biennial-census totals for the industry: Establishments, 65; wage earners, 4,940; wages, \$6,276,899. 2/ N. H., 1 estab.; Mich., 1; Ohio, 5; Ind., 1; Ill., 3; Wis., 1. 3/ Iowa, 3 estab.; Mo., 4; Kans., 2. 4/ Ky., 1 estab.; Tenn., 1; Tex., 1. 5/ Colo., 4 estab.; Utah, 2; Calif., 4. 6/ 100,000-499,999 group, 4 estab.; "500,000 and over" group, 3. 7/ "Under 10,000" group, 1 estab.; 10,000-24,999 group, 3. 8/ 25,000-99,999 group, 2 estab.; 100,000-499,999 group, 1.												

SPECIAL INDUSTRIAL MACHINERY, NOT ELSEWHERE CLASSIFIED

Total for man-hour tabulations	1/151	1/9,684	170.1	71.9	28.6	.90	1.91	2.55	1.65	.64	1.59	4.90
The North (Districts A, B, C, and D)	125	7,999	170.0	76.1	30.2	.89	1.96	2.54	1.65	.58	1.68	4.95
The South (District E)	20	1,444	169.4	48.9	18.6	.83	1.51	2.26	1.43	.75	1.07	5.11
The West (District F)	6	241	177.9	70.1	36.2	1.45	2.51	4.24	2.79	1.73	2.01	2.14
By districts and States												
District A, total	30	3,600	167.8	78.7	27.5	.62	1.68	2.01	1.39	.33	2.05	5.10
Vermont	4	101	158.1	56.1	23.0	.71	1.50	2.04	1.33	.54	.55	16.86
Massachusetts, Rhode Island, and Connecticut	2/26	3,499	168.0	79.4	27.6	.61	1.68	2.00	1.39	.32	2.09	4.76

ESTABLISHMENTS IN 171 INDUSTRIES: 1939--Continued

District, State, and class	Estab-lish-ments	Wage earners (average for year)	Hours per month	Per wage-earner man-hour							V. P. minus P. C.	Electric energy used, KWH	Horse-power per W. E.
				Wage earnings cents	Salary costs, cents	Cost mate-rials	Prime cost	Value prod-ucts	Value added				
SPECIAL INDUSTRIAL MACHINERY, NOT ELSEWHERE CLASSIFIED--Continued													
District B, total	42	1,452	174.0	65.1	29.5	\$1.03	\$1.98	\$2.61	\$1.58	\$.63	1.18	6.63	
New York	12	220	172.8	68.0	40.2	.75	1.83	2.63	1.88	.80	.89	3.31	
New Jersey	15	545	186.8	65.3	36.3	.76	1.77	2.40	1.64	.63	1.23	5.17	
Pennsylvania	15	687	164.2	63.9	19.8	1.37	2.21	2.79	1.42	.58	1.23	8.84	
District C, total	46	2,462	171.6	80.9	33.2	1.04	2.18	2.98	1.94	.80	1.59	4.06	
Ohio	26	1,715	170.1	84.8	33.9	1.14	2.33	3.15	2.01	.82	1.76	3.83	
Michigan and Indiana	3/9	608	175.1	73.0	27.0	.73	1.73	2.39	1.66	.66	1.22	4.49	
Illinois and Wisconsin	4/11	139	175.3	69.4	50.8	1.13	2.33	3.44	2.31	1.11	1.11	5.03	
District D--Minnesota, Iowa, and Missouri	5/7	485	167.3	65.3	36.3	1.85	2.87	4.10	2.25	1.23	.91	3.28	
District E, total	20	1,444	169.4	48.9	18.6	.83	1.51	2.26	1.43	.75	1.07	5.11	
Delaware, West Virginia, North Carolina, Kentucky	6/5	162	175.4	58.0	19.4	.65	1.43	2.09	1.44	.66	.65	3.31	
Georgia, Alabama, Mississippi, and Louisiana	7/8	872	168.6	45.1	17.7	.73	1.36	1.99	1.26	.63	1.25	4.73	
Oklahoma and Texas	8/7	410	168.6	53.3	20.1	1.14	1.87	2.90	1.76	1.03	.86	6.63	
District F--Colorado and California	9/6	241	177.9	70.1	36.2	1.45	2.51	4.24	2.79	1.73	2.01	2.14	
By size of plant													
1 to 20 wage earners	76	657	177.6	62.4	58.5	1.14	2.35	3.26	2.12	.91	.85	5.77	
21 to 100	54	2,748	173.9	67.9	31.2	1.14	2.13	2.86	1.72	.73	1.36	5.06	
101 to 2,500	10/21	6,279	167.7	74.8	24.1	.77	1.76	2.33	1.56	.57	1.78	4.74	
The North by size of city													
Under 10,000 inhabitants	16	601	178.3	70.3	25.7	.72	1.68	2.18	1.46	.50	.87	3.94	
10,000 to 24,999	23	1,173	173.0	71.3	35.2	.97	2.04	2.51	1.54	.47	3.01	9.54	
25,000 to 99,999	22	3,144	165.5	78.3	24.9	.79	1.82	2.19	1.40	.37	1.55	4.29	
100,000 to 499,999	30	1,760	176.0	77.4	31.7	1.09	2.18	3.01	1.92	.83	1.48	5.15	
500,000 and over	34	1,321	166.4	76.1	38.0	.90	2.04	2.93	2.03	.89	1.40	2.61	
The South by size of city													
Under 25,000 inhabitants	11/6	551	165.1	45.1	14.9	.49	1.09	1.63	1.14	.54	.57	3.25	
25,000 to 99,999	3	263	172.9	44.6	18.1	1.07	1.70	2.52	1.45	.82	.97	7.26	
100,000 to 499,999	11	630	171.6	53.9	21.9	1.03	1.79	2.68	1.65	.89	1.53	5.84	
1/ Biennial-census totals for the industry: Establishments, 207; wage earners, 10,388; wages, \$15,160,633.													
2/ Mass., 18 estab.; R. I., 1; Conn., 7.													
3/ Mich., 5 estab.; Ind., 4.													
4/ Ill., 7 estab.; Wis., 4.													
5/ Minn., 2 estab.; Iowa, 1 estab.; Mo., 4.													
6/ Del., 2 estab.; W. Va., 1; N. C., 1; Ky., 1.													
7/ Ga., 4 estab.; Ala., 2; Miss., 1; La., 1.													
8/ Okla., 1 estab.; Tex., 6.													
9/ Colo., 1 estab.; Calif., 5.													
10/ 101-500 group, 19 estab.; 501-2,500 group, 2.													
11/ "Under 10,000" group, 3 estab.; 10,000-24,999 group, 3.													

BLOWERS AND EXHAUST AND VENTILATING FANS

Total for man-hour tabulations	1/40	1/3,537	169.7	69.1	21.4	1.43	2.34	3.46	2.03	1.12	1.12	3.53	
The North (Districts A and B)	32	3,393	169.9	69.1	20.9	1.42	2.32	3.46	2.04	1.14	1.13	3.42	
The South (District C)	4	29	141.5	65.3	20.6	1.30	2.16	2.70	1.40	.54	.47	2.52	
The West (District D)	4	115	173.2	70.3	38.2	1.80	2.89	3.67	1.87	.78	1.05	6.90	
By districts and States													
District A, total	11	1,946	169.9	69.6	19.3	1.28	2.17	2.98	1.70	.81	.99	1.99	
Massachusetts and Connecticut	2/5	1,130	172.9	74.3	11.8	1.24	2.10	2.91	1.67	.81	.89	1.01	
New York, New Jersey, and Pennsylvania	3/6	816	165.7	62.9	30.3	1.34	2.27	3.10	1.76	.83	1.14	3.34	
District B, total	21	1,447	169.8	68.4	22.9	1.61	2.52	4.10	2.49	1.58	1.31	5.25	
Michigan	9	709	169.1	74.5	28.5	1.59	2.62	4.64	3.05	2.02	1.44	7.67	
Ohio	5	192	171.8	52.1	16.2	1.91	2.59	4.24	2.33	1.65	.58	3.59	
Indiana, Illinois, Wisconsin, and Minnesota	4/7	546	170.2	66.4	18.0	1.53	2.37	3.36	1.83	.99	1.41	2.96	
District C--Arkansas, Louisiana, and Texas	5/4	29	141.5	65.3	20.6	1.30	2.16	2.70	1.40	.54	.47	2.52	
District D--Colorado, Washington, California	6/4	115	173.2	70.3	38.2	1.80	2.89	3.67	1.87	.78	1.05	6.90	
By size of plant													
1 to 20 wage earners	14	120	160.8	61.0	32.3	1.95	2.89	4.81	2.86	1.92	.86	5.66	
21 to 100	17	807	173.4	61.6	23.6	1.74	2.60	4.36	2.62	1.76	.70	3.33	
101 to 2,500	7/9	2,610	169.0	71.9	20.3	1.31	2.23	3.12	1.81	.89	1.27	3.49	
The North by size of city													
Under 25,000 inhabitants	8/9	351	176.5	61.8	19.9	1.20	2.01	3.27	2.07	1.26	1.73	4.63	
25,000 to 99,999	4	369	172.7	60.3	19.0	.92	1.71	2.74	1.82	1.03	1.02	5.10	
100,000 to 499,999	7	387	175.5	62.2	19.5	1.67	2.49	4.30	2.63	1.81	.62	3.17	
500,000 and over	12	2,286	167.4	73.0	21.6	1.49	2.44	3.46	1.97	1.02	1.14	3.01	
1/ Biennial-census totals for the industry: Establishments, 77; wage earners, 3,885; wages, \$5,371,111.													
2/ N. Y., 1 estab.; N. J., 2; Pa., 3.													
3/ Ind., 2 estab.; Ill., 3; Wis., 1; Minn., 1.													
4/ Colo., 1 estab.; Wash., 1; Calif., 2.													
5/ Ark., 1 estab.; La., 1; Tex., 2.													
6/ 101-500 group, 8 estab.; 501-2,500 group, 1.													
7/ "Under 10,000" group, 2 estab.; 10,000-24,999 group, 7.													

STOKERS, MECHANICAL, DOMESTIC, AND INDUSTRIAL

Total for man-hour tabulations	1/39	1/3,258	159.9	70.4	22.3	1.39	2.32	3.40	2.01	1.08	2.43	4.91	
The North (Districts A and B)	31	3,080	159.5	69.8	23.2	1.39	2.32	3.39	2.00	1.07	2.48	4.89	
The West (District C)	8	178	166.7	80.7	6.9	1.37	2.25	3.60	2.23	1.35	1.57	5.33	
By districts and States													
District A, total	11	1,205	146.8	72.6	21.4	.92	1.86	3.03	2.11	1.17	3.07	6.46	
Massachusetts and New York	2/4	182	146.7	68.3	23.5	1.28	2.20	4.01	2.73	1.81	1.70	8.58	
Pennsylvania, Maryland, and South Carolina	3/7	1,023	146.8	73.3	21.0	.85	1.80	2.85	2.00	1.05	3.31	6.09	

TABLE 3.---AVERAGES PER MAN-HOUR, BY DISTRICTS AND STATES AND BY SIZE CLASSES, FOR SELECTED

ESTABLISHMENTS IN 171 INDUSTRIES: 1939---Continued

District, State, and class	Estab-lish-ments	Wage earners (average for year)	Hours per month	Per wage-earner man-hour								Horse-power per W. E.
				Wage earnings cents	Salary costs, cents	Cost materials	Prime cost	Value products	Value added	V. P. minus P. C.	Electric energy used, KWH	
STOKERS, MECHANICAL, DOMESTIC, AND INDUSTRIAL--Continued												
District B, total	20	1,875	167.6	68.3	24.2	\$1.66	\$2.58	\$3.60	\$1.94	\$1.02	2.15	3.87
Michigan and Ohio	4/6	756	170.2	71.4	33.0	1.58	2.63	3.86	2.28	1.23	2.20	4.01
Indiana	6	250	178.6	49.0	30.4	1.94	2.73	3.63	1.69	.90	1.23	2.94
Illinois, Wisconsin, and Minnesota	5/8	869	162.3	71.5	14.1	1.63	2.49	3.34	1.71	.85	2.40	4.03
District C--Mo., Colo., Utah, Wash., Oreg.	6/8	178	166.7	80.7	6.9	1.37	2.25	3.60	2.23	1.35	1.57	5.33
By size of plant												
1 to 20 wage earners	15	89	181.0	53.4	38.5	1.52	2.44	3.63	2.11	1.19	1.21	5.96
21 to 100	13	522	174.5	57.3	26.4	1.61	2.45	3.18	1.57	.73	1.24	3.33
101 to 500	11	2,647	156.3	74.0	20.7	1.33	2.28	3.44	2.11	1.16	2.74	5.19
The North by size of city												
Under 10,000 inhabitants	16	1,593	151.9	65.5	17.9	1.44	2.28	2.92	1.48	.64	1.97	4.76
25,000 to 499,999	7/10	904	164.8	70.6	27.9	.85	1.84	3.23	2.38	1.39	2.80	5.93
500,000 and over	5	583	172.0	79.0	29.0	2.06	3.14	4.76	2.70	1.62	3.25	3.61
Biennial-census totals for the industry: Establishments, 61; wage earners, 3,549; wages, \$4,789,265. 2/ Mass., 1 estab.; N. Y., 3. 3/ R. I., 5 estab.; Md., 1; S. C., 1. 4/ Mich., 1 estab.; Ohio, 5. 5/ Ill., 6 estab.; Wis., 1; Minn., 1. 6/ Mo., 3 estab.; Colo., 1; Utah, 1; Wash., 2; Oreg., 1. 7/ 25,000-99,999 group, 3 estab.; 100,000-499,999 group, 7.												
MECHANICAL POWER-TRANSMISSION EQUIPMENT												
Total for man-hour tabulations	1/162	1,28,418	168.2	71.8	19.5	.82	1.73	2.81	1.99	1.08	2.68	5.67
The North (Districts A, B, C, and D)	144	28,045	168.2	71.9	19.2	.81	1.72	2.80	1.99	1.08	2.69	5.66
The South (District E)	5	145	166.2	56.3	5.2	1.31	2.39	3.47	2.16	1.08	1.32	4.66
The West (District F)	13	228	169.5	77.7	30.0	1.16	2.23	3.04	1.88	.81	1.66	7.07
By districts and States												
District A, total	25	9,442	171.5	67.7	17.6	.55	1.40	2.40	1.85	1.00	2.72	6.64
New Hampshire and Massachusetts	2/10	1,024	177.2	72.6	30.7	.77	1.81	2.65	1.88	.84	2.09	4.26
Rhode Island and Connecticut	3/15	8,418	170.8	67.1	15.9	.52	1.35	2.37	1.85	1.02	2.80	6.93
District B, total	49	5,985	174.5	69.1	26.0	1.04	1.99	3.08	2.04	1.09	2.78	6.35
New York and New Jersey	4/22	3,024	178.9	67.5	24.4	1.00	1.92	2.97	1.97	1.05	3.20	6.13
Pennsylvania	27	2,961	170.0	70.8	27.7	1.08	2.07	3.20	2.12	1.13	2.32	6.59
District C, total	63	12,335	162.6	77.1	17.3	.90	1.84	2.99	2.09	1.15	2.66	4.60
Michigan	9	1,305	177.6	85.8	14.3	1.21	2.21	3.17	1.96	.96	1.56	3.26
Ohio and Indiana	5/26	8,928	158.5	77.0	1	.77	1.69	2.91	2.14	1.22	3.03	4.51
Illinois and Wisconsin	6/28	2,102	170.5	71.6		1.24	2.23	3.22	1.98	.99	1.91	5.82
District D--Minnesota, Iowa, and Missouri	7/7	283	174.5	52.8	8.1	.76	1.37	1.95	1.19	.58	1.46	4.95
District E--Md., N. C., Ky., Tenn., and Tex.	8/5	145	166.2	56.3	5.2	1.31	2.39	3.47	2.16	1.08	1.32	4.66
District F--Colorado, Washington, California	9/13	228	169.5	77.7	30.0	1.16	2.23	3.04	1.88	.81	1.66	7.07
By size of plant												
1 to 20 wage earners	54	575	169.7	66.3	36.3	.94	1.97	2.82	1.88	.85	1.23	6.16
21 to 100	57	2,656	175.8	66.1	36.3	1.05	2.08	2.88	1.83	.80	1.86	5.71
101 to 500	39	8,883	175.9	68.2	22.3	1.01	1.91	2.81	1.80	.90	2.38	5.77
501 and over	10/12	16,304	162.8	75.2	14.2	.66	1.55	2.79	2.13	1.24	3.05	5.59
The North by size of city												
Under 10,000 inhabitants	13	1,178	176.9	66.0	20.5	.83	1.70	2.63	1.80	.93	2.71	7.90
10,000 to 24,999	14	2,664	167.5	69.4	29.4	.99	1.98	2.97	1.98	.99	3.45	6.02
25,000 to 99,999	19	9,580	173.2	67.3	17.1	.63	1.47	2.49	1.86	1.02	2.65	6.81
100,000 to 499,999	34	8,568	157.8	76.3	12.9	.70	1.59	2.80	2.10	1.21	2.93	3.69
500,000 and over	64	6,055	173.9	75.5	26.0	1.16	2.18	3.24	2.08	1.06	2.13	6.05
The West by size of city												
100,000 to 499,999 inhabitants	6	92	184.3	76.1	31.9	1.08	2.16	3.23	2.15	1.07	2.27	9.91
500,000 and over	7	136	159.5	79.0	28.6	1.22	2.29	2.89	1.67	.60	1.18	5.14
1/ Biennial-census totals for the industry: Establishments, 218; wage earners, 30,268; wages, \$43,751,830. 2/ N. H., 1 estab.; Mass., 9. 3/ R. I., 1 estab.; Conn., 14. 4/ N. Y., 17 estab.; N. J., 5. 5/ Ohio, 15 estab.; Ind., 11. 6/ Ill., 23 estab.; Wis., 5. 7/ Minn., 2 estab.; Iowa, 1; Mo., 4. 8/ Md., 1 estab.; N. C., 1; Ky., 1; Tenn., 1; Tex., 1. 9/ Colo., 2 estab.; Wash., 2; Calif., 9. 10/ 501-2,500 group, 11 estab.; "2,501 and over" group, 1.												

INDUSTRIAL MACHINERY NOT ELSEWHERE CLASSIFIED

Total for man-hour tabulations	1/344	1/16,953	170.6	70.2	32.9	1.14	2.17	3.14	2.00	.97	2.07	7.20
The North (Districts A, B, C, and D)	263	13,940	170.7	70.7	34.0	1.16	2.21	3.25	2.09	1.04	2.13	7.51
The South (Districts E and F)	44	1,521	170.9	62.2	28.3	.96	1.86	2.50	1.54	.64	1.41	4.80
The West (District G)	37	1,492	169.2	73.0	27.3	1.14	2.14	2.70	1.56	.56	2.26	6.73
By districts and States												
District A, total	40	1,930	172.4	67.3	30.7	.70	1.68	2.56	1.86	.88	1.04	4.03
Maine and Massachusetts	2/29	1,759	172.2	67.8	29.0	.69	1.66	2.53	1.84	.87	1.07	4.07
Rhode Island and Connecticut	3/11	171	175.0	62.4	48.4	.73	1.84	2.75	2.02	.91	.69	3.64
District B, total	92	6,785	170.9	70.0	32.1	1.17	2.19	3.30	2.13	1.11	2.78	9.66
New York	36	1,806	177.9	64.7	31.4	1.13	2.10	3.19	2.06	1.09	1.85	8.40
New Jersey	19	3,039	168.9	71.7	30.2	1.03	2.05	3.30	2.27	1.25	4.07	11.99
Pennsylvania	37	1,940	167.6	72.6	35.8	1.42	2.50	3.39	1.97	.89	1.65	7.17

ESTABLISHMENTS IN 171 INDUSTRIES: 1939—Continued

District, State, and class	Estab-lish-ments	Wage earners (average for year)	Hours per month	Per wage-earner man-hour							V. P. minus P. C.	Electric energy used, KWH	Horse-power per W. E.
				Wage earnings cents	Salary costs, cents	Cost mate-rials	Prime cost	Value prod-ucts	Value added				
INDUSTRIAL MACHINERY NOT ELSEWHERE CLASSIFIED--Continued													
District C, total	110	4,837	169.9	73.6	37.9	1.32	2.44	3.46	2.14	1.02	1.73	6.16	
Michigan	15	973	165.0	77.8	47.3	1.11	2.37	3.81	2.70	1.44	1.20	4.76	
Ohio	31	1,389	162.9	73.6	39.2	1.38	2.51	3.38	2.00	.87	1.73	7.51	
Indiana	12	487	158.9	58.5	29.8	1.42	2.30	3.39	1.97	1.09	1.23	4.78	
Illinois	35	1,606	182.1	76.8	34.0	1.41	2.52	3.48	2.07	.96	2.31	6.22	
Wisconsin	17	382	170.0	66.7	38.0	1.14	2.19	2.87	1.73	.68	1.09	6.32	
District D, total	21	388	170.4	64.8	33.1	1.29	2.27	3.35	2.06	1.08	1.05	4.14	
Minnesota	11	272	169.6	64.2	24.8	1.30	2.19	3.20	1.90	1.01	1.16	4.29	
Iowa, Missouri, and Nebraska	4/10	116	172.3	66.2	52.4	1.28	2.47	3.71	2.43	1.24	.80	3.78	
District E, total	23	1,112	169.8	65.8	29.2	1.00	1.95	2.64	1.64	.69	1.06	4.91	
Delaware, Maryland, and West Virginia	5/8	765	167.6	67.9	17.6	.91	1.77	2.31	1.40	.54	1.17	5.27	
Virginia, North Carolina, and Tennessee	6/12	253	174.2	59.6	47.5	1.16	2.23	3.04	1.88	.81	.70	4.64	
Kentucky	3	94	176.5	66.3	70.0	1.23	2.59	4.14	2.91	1.55	1.09	2.72	
District F, total	21	409	173.8	52.5	25.8	.85	1.63	2.12	1.27	.49	2.33	4.52	
Georgia and Louisiana	7/9	276	169.8	52.9	24.8	.63	1.41	1.88	1.25	.47	3.03	4.37	
Oklahoma and Texas	8/12	133	182.1	51.8	27.7	1.26	2.05	2.58	1.32	.53	.99	4.83	
District G, total	37	1,492	169.2	73.0	27.3	1.14	2.14	2.70	1.56	.56	2.26	6.73	
Colorado, Utah, Washington, and Oregon	9/15	1,082	170.6	71.0	21.5	1.03	1.95	2.42	1.39	.47	2.48	6.68	
California	22	410	165.6	78.2	43.2	1.45	2.66	3.46	2.01	.80	1.65	6.86	
By size of plant													
1 to 20 wage earners	190	1,770	172.5	62.9	47.1	1.23	2.33	3.13	1.90	.80	.92	5.98	
21 to 100	115	4,998	168.2	67.7	34.9	1.19	2.22	3.10	1.91	.88	1.25	5.29	
101 to 2,500	10/39	10,185	171.5	72.6	29.4	1.10	2.12	3.15	2.05	1.03	2.67	8.35	
The North by size of city													
Under 10,000 inhabitants	40	1,723	179.9	57.2	24.1	1.02	1.83	2.98	1.96	1.15	1.53	5.43	
10,000 to 24,999	36	4,734	169.1	70.7	26.6	1.23	2.20	3.27	2.04	1.07	3.10	10.76	
25,000 to 99,999	35	1,480	174.1	75.3	37.8	.89	2.02	3.21	2.32	1.19	2.11	5.40	
100,000 to 499,999	59	2,261	171.3	64.2	32.6	1.05	2.02	2.79	1.74	.77	1.88	6.84	
500,000 and over	93	3,742	167.0	79.7	47.5	1.32	2.59	3.67	2.35	1.08	1.33	5.59	
The South by size of city													
Under 10,000 inhabitants	7	59	179.2	53.3	36.9	1.11	2.01	3.03	1.92	1.02	1.06	5.29	
10,000 to 99,999	11/5	449	185.5	59.7	28.8	.78	1.66	2.32	1.54	.66	.79	3.55	
100,000 to 499,999	27	902	162.7	65.0	28.2	1.05	1.98	2.61	1.56	.63	1.85	5.44	
500,000 and over	5	111	173.9	56.9	22.2	.95	1.74	2.15	1.20	.41	.90	4.46	
The West by size of city													
Under 10,000 inhabitants	6	126	173.8	72.6	26.5	1.57	2.56	3.61	2.04	1.05	2.62	7.37	
10,000 to 99,999	12/4	84	159.7	68.8	32.9	1.26	2.28	3.07	1.81	.79	1.26	8.29	
100,000 to 499,999	13	928	171.5	70.9	20.3	.96	1.87	2.26	1.30	.39	2.57	6.44	
500,000 and over	14	354	163.9	79.7	45.6	1.44	2.69	3.48	2.04	.79	1.49	6.91	
1/ Biennial-census totals for the industry: Establishments, 579; wage earners, 21,936; wages, \$31,178,421. 2/ Mo., 1 estab.; Mass., 28. 3/ R. I., 4 estab.; Conn., 7. 4/ Iowa, 3 estab.; Mo., 6; Nebr., 1. 5/ Del., 1 estab.; Md., 6; W. Va., 1. 6/ Va., 8 estab.; N. C., 2; Tenn., 2. 7/ Ga., 7 estab.; La., 2. 8/ Okla., 5 estab.; Tex., 7. 9/ Colo., 3 estab.; Utah, 1; Wash., 5; Oreg., 6. 10/ 101-500 group, 37 estab.; 501-2,500 group, 2. 11/ 10,000-24,999 group, 1 estab.; 25,000-99,999 group, 4. 12/ 10,000-24,999 group, 2 estab.; 25,000-99,999 group, 2.													

MACHINE-SHOP PRODUCTS NOT ELSEWHERE CLASSIFIED

Total for man-hour tabulations	1/1,161	1/49,292	165.6	68.3	24.7	1.11	2.04	2.88	1.77	.84	1.98	5.49	
The North (Districts A, B, C, and D)	846	41,769	164.8	69.3	24.7	1.11	2.05	2.91	1.80	.86	2.08	5.43	
The South (Districts E, F, and G)	143	4,785	173.7	57.3	23.8	.98	1.79	2.50	1.52	.71	1.32	5.32	
The West (District H)	172	2,738	163.8	73.8	26.6	1.36	2.36	3.16	1.80	.80	1.65	6.64	
By districts and States													
District A, total	89	3,992	169.0	55.8	17.9	.81	1.55	2.17	1.36	.62	2.65	4.85	
Maine, New Hampshire, and Vermont	2/13	178	172.6	57.3	28.1	.61	1.46	1.76	1.15	.30	1.18	6.33	
Massachusetts	54	2,135	175.7	56.8	18.4	.81	1.56	2.19	1.38	.63	2.77	4.46	
Rhode Island	8	773	155.9	39.8	9.4	.79	1.28	1.89	1.10	.61	1.77	4.99	
Connecticut	14	906	163.4	66.0	21.4	.84	1.71	2.40	1.36	.69	3.33	5.37	
District B, total	293	13,192	157.6	68.0	29.4	1.00	1.97	2.83	1.83	.86	1.96	6.18	
New York	113	3,651	170.6	64.2	28.1	.93	1.85	2.60	1.67	.75	1.56	7.55	
New Jersey	45	1,593	179.8	66.5	34.5	1.32	2.33	3.37	2.05	1.04	1.38	4.43	
Pennsylvania	135	7,948	147.1	70.4	28.8	.96	1.95	2.83	1.87	.88	2.31	5.89	
District C, total	401	22,810	167.6	73.0	23.8	1.24	2.21	3.10	1.86	.89	2.08	5.25	
Michigan	96	8,230	158.1	77.2	23.1	1.18	2.19	3.00	1.82	.81	2.35	4.66	
Ohio	112	6,189	180.9	74.5	22.3	1.05	2.02	2.83	1.78	.81	2.03	6.17	
Indiana	47	2,548	168.8	65.7	24.3	1.33	2.23	3.56	2.23	1.33	2.14	6.15	
Illinois	110	4,329	164.9	69.3	25.6	1.57	2.52	3.51	1.94	.99	1.86	4.99	
Wisconsin	36	1,514	170.5	68.2	28.1	1.28	2.24	2.82	1.54	.58	1.38	3.97	
District D, total	63	1,775	173.3	61.6	29.2	.99	1.80	2.84	1.85	1.04	1.75	3.53	
Minnesota	17	328	170.5	68.7	16.0	.76	1.61	2.52	1.76	.91	2.47	5.21	
Iowa	10	232	179.9	47.8	17.2	.99	1.64	2.14	1.15	.50	1.28	3.44	
Missouri	25	1,131	174.5	62.7	21.1	1.09	1.93	3.16	2.07	1.23	1.71	2.92	
Nebraska and Kansas	3/11	84	148.9	57.5	10.1	.54	1.22	1.60	1.06	.38	.64	5.37	

ESTABLISHMENTS IN 171 INDUSTRIES: 1939---Continued

District, State, and class	Estab- lish- ments	Wage earners (average for year)	Hours per month	Per wage-earner man-hour							Horse- power per W. E.	
				Wage earnings cents	Salary costs, cents	Cost mate- rials	Prime cost	Value prod- ucts	Value added	V. P. minus P. C.		Electric energy used, KWH
MACHINE-SHOP PRODUCTS NOT ELSEWHERE CLASSIFIED---Continued												
District E, total	56	3,170	174.2	60.0	25.0	\$1.10	\$1.95	\$2.66	\$1.56	\$.71	1.56	5.78
Del., Md., D. C., and W. Va.	4/22	1,686	180.0	64.6	27.4	1.18	2.10	2.46	1.28	.36	1.64	5.97
Virginia	7	122	156.8	53.1	27.6	1.00	1.80	2.49	1.49	.69	.57	4.01
North Carolina	13	227	171.2	42.4	14.8	.40	.97	1.18	.78	.21	1.16	3.48
Kentucky	7	869	165.4	58.1	25.4	1.25	2.08	3.81	2.56	1.73	1.61	6.21
Tennessee	7	266	177.0	53.4	15.9	.81	1.50	1.82	1.01	.32	1.60	5.89
District F, total	35	1,011	171.5	48.4	19.0	.67	1.34	2.01	1.34	.67	.76	3.14
South Carolina, Georgia, and Florida	5/15	302	185.2	43.8	19.4	.42	1.06	1.45	1.03	.39	.79	4.40
Alabama	8	367	157.8	52.0	19.5	.93	1.64	2.72	1.79	1.08	.91	1.51
Mississippi, Louisiana, and Arkansas	6/12	342	174.2	49.1	18.1	.65	1.32	1.85	1.20	.53	.58	3.77
District G, total	52	604	174.1	58.2	25.7	.82	1.66	2.42	1.60	.76	1.02	6.61
Oklahoma	12	97	168.2	61.0	34.2	.65	1.60	2.39	1.74	.79	.82	6.13
Texas	40	507	175.3	57.7	24.1	.86	1.68	2.43	1.57	.75	1.06	6.70
District H, total	172	2,738	163.8	73.8	26.6	1.36	2.36	3.16	1.80	.80	1.65	6.64
Montana, Wyoming, and Colorado	7/13	145	152.3	70.1	32.2	.96	1.98	2.60	1.64	.62	1.19	6.25
Utah, Nevada, and Arizona	8/6	89	144.5	59.8	29.2	.97	1.86	2.60	1.63	.74	1.40	4.45
Idaho	3	50	178.4	70.2	23.2	1.25	2.18	2.70	1.45	.52	1.19	10.74
Washington	30	309	155.2	74.8	25.0	1.43	2.43	2.94	1.51	.51	2.14	7.86
Oregon	18	233	161.5	72.6	20.9	1.21	2.15	2.63	1.42	.48	1.51	10.42
California	102	1,912	166.9	74.7	27.1	1.41	2.43	3.33	1.92	.90	1.65	6.01
By size of plant												
1 to 20 wage earners	796	6,180	167.8	62.2	31.4	1.16	2.09	2.90	1.74	.81	1.30	7.37
21 to 100	262	11,467	171.1	64.6	30.9	1.40	2.36	3.36	1.96	1.00	1.44	5.54
101 to 500	89	18,454	168.6	69.8	21.8	1.11	2.03	2.99	1.88	.96	2.17	5.51
501 and over	9/14	13,191	155.6	72.8	19.9	.81	1.74	2.27	1.46	.53	2.55	4.53
The North by size of city												
Under 10,000 inhabitants	121	9,394	151.9	66.9	21.3	.92	1.80	2.58	1.66	.78	2.55	4.45
10,000 to 24,999	91	5,041	168.9	62.5	22.9	.87	1.72	2.60	1.73	.88	2.01	6.28
25,000 to 99,999	151	9,194	166.4	67.8	24.8	1.16	2.09	3.01	1.85	.92	2.00	6.03
100,000 to 499,999	144	3,252	176.1	65.4	32.2	1.29	2.27	3.29	2.00	1.02	1.79	5.05
500,000 and over	339	14,888	168.1	74.8	25.5	1.24	2.24	3.07	1.83	.83	1.95	5.48
The South by size of city												
Under 10,000 inhabitants	29	359	178.9	44.2	14.3	.47	1.06	1.50	1.03	.44	.85	4.72
10,000 to 24,999	19	338	169.0	49.7	22.2	.82	1.54	1.99	1.17	.45	.91	4.59
25,000 to 99,999	25	765	176.8	49.9	20.3	1.24	1.94	2.58	1.34	.64	1.32	3.10
100,000 to 499,999	56	2,136	166.3	59.5	27.0	1.07	1.94	3.09	2.02	1.15	1.28	5.36
500,000 and over	14	1,187	181.6	64.2	24.0	.85	1.73	1.91	1.06	.18	1.63	7.09
The West by size of city												
Under 10,000 inhabitants	19	289	163.3	70.9	25.0	1.09	2.05	3.46	2.37	1.41	1.70	9.27
10,000 to 24,999	16	262	160.4	74.4	51.8	1.48	2.74	3.90	2.42	1.16	2.79	9.44
25,000 to 99,999	17	216	156.4	70.1	21.4	.82	1.73	2.23	1.41	.50	1.57	7.29
100,000 to 499,999	63	1,005	164.5	79.4	28.2	1.80	2.88	3.53	1.73	.65	1.81	6.17
500,000 and over	57	966	165.8	69.6	19.8	1.06	1.96	2.70	1.64	.74	1.20	5.45
1/ Biennial-census totals for the industry: Establishments, 2,125; wage earners, 60,717; wages, \$81,659,539.												
2/ Mo., 8 estab.; N. H., 3; Vt., 2. 3/ Nebr., 5 estab.; Kans., 6. 4/ Del., 1 estab.; Md., 17; D. C., 1; W. Va., 3.												
5/ S. C., 2 estab.; Ga., 9; Fla., 4. 6/ Miss., 2 estab.; La., 9; Ark., 1. 7/ Mont., 2 estab.; Wyo., 3; Colo., 8.												
8/ Utah, 2 estab.; Nev., 2; Ariz., 2. 9/ 501-2,500 group, 13 estab.; "2,501 and over" group, 1.												

MACHINE-SHOP REPAIRS

Total for man-hour tabulations	1/706	1/5,768	170.8	66.9	16.2	.58	1.41	2.00	1.42	.59	1.00	6.26
The North (Districts A, B, C, and D)	316	2,902	168.5	69.1	18.2	.56	1.44	1.95	1.39	.51	1.08	6.84
The South (Districts E, F, and G)	263	1,938	176.4	59.1	14.3	.57	1.30	1.93	1.36	.63	.84	5.60
The West (District H)	127	928	166.6	77.2	13.6	.68	1.59	2.35	1.67	.76	1.07	5.84
By districts and States												
District A---Me., N. H., Mass., R. I., Conn.	2/32	149	177.2	65.3	16.9	.49	1.31	1.98	1.49	.67	.75	6.55
District B, total	106	1,292	162.8	69.7	19.5	.64	1.53	1.97	1.33	.44	.95	6.11
New York	56	672	164.3	71.8	21.0	.51	1.44	1.96	1.45	.52	.68	4.06
New Jersey	13	107	167.1	63.5	29.0	.67	1.59	2.13	1.46	.54	.94	3.95
Pennsylvania	37	513	159.9	68.3	15.5	.80	1.64	1.73	1.13	.29	1.31	9.25
District C, total	115	991	170.7	69.3	16.2	.50	1.36	1.91	1.41	.55	1.21	8.88
Michigan	21	290	165.7	73.4	18.0	.47	1.38	2.03	1.56	.65	1.51	13.03
Ohio	37	340	172.5	65.0	16.4	.49	1.30	1.74	1.25	.44	1.42	8.39
Indiana	15	102	171.3	76.9	14.2	.37	1.28	1.74	1.37	.46	1.36	6.12
Illinois	27	188	172.8	71.8	13.2	.50	1.35	2.05	1.55	.70	.88	5.66
Wisconsin	15	71	176.1	56.0	19.0	.90	1.65	2.17	1.27	.52	1.10	6.70
District D, total	63	470	176.6	68.5	19.7	.53	1.41	1.99	1.46	.58	1.07	4.67
Minnesota and Iowa	3/17	114	166.6	63.7	21.6	.54	1.39	1.85	1.31	.46	.71	4.47
Missouri	27	252	177.4	74.7	23.2	.59	1.57	2.18	1.59	.61	1.33	4.51
Nebraska and Kansas	4/19	104	185.6	58.7	9.6	.39	1.07	1.70	1.31	.63	.83	5.26

ESTABLISHMENTS IN 171 INDUSTRIES: 1939---Continued

District, State, and class	Estab- lish- ments	Wage earners (average for year)	Hours per month	Per wage-earner man-hour							V. P. minus P. C.	Electric energy used, kWh	Horse- power per W. E.
				Wage earnings cents	Salary costs, cents	Cost mate- rials	Prime cost	Value prod- ucts	Value added				
MACHINE-SHOP REPAIRS---Continued													
District E, total	90	779	178.7	58.0	15.3	.56	1.29	1.76	1.20	.47	.66	4.71	
Delaware, Maryland, and District of Columbia	5/29	183	169.5	63.3	21.3	.66	1.51	2.01	1.35	.50	.58	5.49	
West Virginia	7	64	166.6	63.3	25.2	.87	1.75	2.32	1.45	.57	1.37	7.09	
Virginia	12	143	198.1	59.1	18.4	.50	1.27	1.60	1.10	.33	.44	4.52	
North Carolina	15	152	177.3	49.8	8.2	.48	1.06	1.51	1.03	.45	.76	3.84	
Kentucky	8	80	182.8	60.2	16.9	.44	1.21	1.56	1.12	.35	.51	3.48	
Tennessee	19	157	176.2	55.8	7.9	.50	1.14	1.77	1.27	.63	.69	4.48	
District F, total	73	532	182.2	53.1	12.0	.55	1.20	1.77	1.22	.57	.90	4.53	
South Carolina, Georgia, and Alabama	6/22	130	185.9	53.3	7.4	.44	1.05	1.59	1.15	.54	1.02	4.16	
Florida	11	73	181.0	48.3	9.7	.48	1.06	1.62	1.14	.56	.50	4.48	
Mississippi	11	80	200.4	49.7	16.2	.53	1.19	1.68	1.15	.49	1.02	5.51	
Louisiana	18	169	172.6	55.5	13.5	.57	1.26	1.88	1.31	.62	.91	4.46	
Arkansas	11	80	179.6	56.5	14.0	.78	1.49	2.07	1.29	.58	.93	4.35	
District G, total	100	627	168.7	65.9	15.1	.60	1.41	2.29	1.69	.88	1.02	7.62	
Oklahoma	21	132	166.0	65.2	13.3	.47	1.26	2.10	1.63	.84	1.18	8.60	
Texas	79	495	169.4	66.0	15.6	.63	1.45	2.34	1.71	.89	.97	7.36	
District H, total	127	928	166.6	77.2	13.6	.68	1.59	2.35	1.67	.76	1.07	5.84	
Mont., Idaho, Wyo., Colo., N. Mex., and Ariz.	7/21	111	191.9	64.8	19.5	.48	1.32	1.96	1.48	.64	1.02	7.30	
Washington	30	201	156.3	74.2	21.5	.84	1.80	2.41	1.57	.61	1.08	6.39	
Oregon	9	49	173.2	70.5	12.7	.68	1.51	2.05	1.37	.54	1.25	5.35	
California	67	567	164.7	81.6	9.7	.68	1.59	2.45	1.77	.86	1.05	5.40	
By size of plant													
1 to 20 wage earners	669	4,137	172.0	65.9	16.9	.59	1.42	2.08	1.49	.66	.94	6.11	
21 to 100	34	1,202	172.0	70.6	17.4	.60	1.48	1.99	1.39	.51	1.14	6.92	
101 to 500	3	429	156.7	66.1	4.5	.43	1.13	1.27	.84	.14	1.14	5.88	
The North by size of city													
Under 10,000 inhabitants	37	411	157.4	67.5	11.4	.71	1.50	1.90	1.19	.40	1.67	9.25	
10,000 to 24,999	28	483	171.5	62.4	3.3	.36	1.02	1.30	.94	.28	.51	4.48	
25,000 to 99,999	60	429	179.6	65.9	24.0	.51	1.41	1.99	1.48	.58	1.37	7.40	
100,000 to 499,999	78	576	170.4	68.9	16.4	.59	1.44	1.94	1.35	.50	.75	6.15	
500,000 and over	113	1,003	165.7	74.6	26.8	.62	1.63	2.29	1.67	.66	1.20	7.16	
The South by size of city													
Under 10,000 inhabitants	67	366	171.2	61.4	12.9	.63	1.37	2.15	1.52	.78	1.15	7.93	
10,000 to 24,999	40	289	184.8	55.1	11.8	.47	1.14	1.75	1.28	.61	.85	5.36	
25,000 to 99,999	52	382	179.8	55.5	10.3	.59	1.25	1.90	1.31	.65	.80	5.21	
100,000 to 499,999	77	728	174.8	60.3	16.7	.54	1.31	1.88	1.34	.57	.77	4.74	
500,000 and over	27	173	173.1	64.3	20.9	.66	1.52	2.01	1.35	.49	.58	5.61	
The West by size of city													
Under 10,000 inhabitants	30	209	156.5	91.6	7.7	.72	1.71	2.61	1.89	.90	1.40	5.41	
10,000 to 24,999	23	109	183.7	69.6	16.8	.53	1.40	2.07	1.54	.67	1.14	7.18	
25,000 to 99,999	14	97	188.2	67.0	16.1	.71	1.54	2.24	1.53	.70	.93	4.56	
100,000 to 499,999	35	246	155.4	80.2	17.0	1.04	2.02	2.90	1.86	.88	1.05	6.39	
500,000 and over	25	267	170.0	71.7	12.8	.40	1.25	1.87	1.47	.62	.86	5.58	
1/ Biennial-census totals for the industry: Establishments, 1,459; wage earners, 9,176; wages, \$12,273,448.													
2/ Me., 4 estab.; N. H., 1; Mass., 18; R. I., 3; Conn., 6.													
3/ Minn., 9 estab.; Iowa, 8.													
4/ Nebr., 7 estab.; Kans., 12.													
5/ Del., 1 estab.; Md., 23; D. C., 5.													
6/ S. C., 6 estab.; Ga., 7; Ala., 9.													
7/ Mont., 4 estab.; Idaho, 2; Wyo., 1; Colo., 9; N. Mex., 4; Ariz., 1.													

1/ Biennial-census totals for the industry: Establishments, 1,459; wage earners, 9,176; wages, \$12,273,448.

2/ Me., 4 estab.; N. H., 1; Mass., 18; R. I., 3; Conn., 6.

3/ Minn., 9 estab.; Iowa, 8.

4/ Nebr., 7 estab.; Kans., 12.

5/ Del., 1 estab.; Md., 23; D. C., 5.

6/ S. C., 6 estab.; Ga., 7; Ala., 9.

7/ Mont., 4 estab.; Idaho, 2; Wyo., 1; Colo., 9; N. Mex., 4; Ariz., 1.

VENDING, AMUSEMENT, AND OTHER COIN-OPERATED MACHINES

Total for man-hour tabulations	1/28	1/2,534	164.5	61.9	24.8	1.27	2.14	3.07	1.80	.93	.64	1.55	
By districts and States													
Massachusetts, New York, New Jersey, Pennsylvania	2/5	99	161.0	60.6	*56.1	1.97	3.13	4.77	2.80	1.64	.66	1.41	
Michigan, Ohio, Illinois, and Wisconsin	3/17	2,325	165.8	62.3	24.4	1.24	2.11	2.97	1.73	.86	.66	1.61	
Missouri and California	4/6	110	140.6	51.8	*3.1	1.17	1.72	3.77	2.60	2.05	.17	.46	
By size of plant													
1 to 20 wage earners	13	96	169.9	56.4	30.8	1.05	1.92	2.93	1.88	1.01	.47	2.03	
21 to 100	10	621	158.6	52.3	31.6	1.65	2.49	3.69	2.04	1.20	.30	.81	
101 to 2,500	5/5	1,817	166.3	65.3	22.3	1.16	2.04	2.88	1.72	.84	.77	1.78	
By size of city													
Under 500,000 inhabitants	6/8	273	157.0	52.3	26.0	1.46	2.24	3.74	2.28	1.50	.30	.82	
500,000 and over	20	2,261	165.4	63.0	24.7	1.25	2.12	2.99	1.74	.87	.68	1.64	

1/ Biennial-census totals for the industry: Establishments, 51; wage earners, 3,842; wages, \$4,631,710.

2/ Mass., 1 estab.; N. Y., 2; N. J., 1; Pa., 1.

3/ Mich., 1 estab.; Ohio, 1; Ill., 14; Wis., 1.

4/ Mo., 2 estab.; Calif., 4. (Mostly in Missouri).

5/ 101-500 group, 4 estab.; 501-2,500 group, 1.

6/ "Under 10,000" group, 1 estab.; 25,000-99,999 group, 3; 100,000-499,999 group, 4.

REFRIGERATORS, DOMESTIC (MECHANICAL AND ABSORPTION), REFRIGERATION MACHINERY AND EQUIPMENT, AND COMPLETE AIR-CONDITIONING UNITS

Total for man-hour tabulations	1/179	1/33,089	159.6	72.6	17.1	2.23	3.12	4.13	1.90	1.01	2.96	4.17	
The North (Districts A, B, C, and D)	131	31,311	158.8	73.9	17.2	2.26	3.17	4.19	1.93	1.02	3.06	4.24	
The South (District E)	22	1,130	179.0	44.6	9.2	1.63	2.17	3.09	1.46	.92	1.45	2.72	
The West (District F)	26	648	164.7	63.3	28.7	1.79	2.71	3.50	1.71	.79	1.32	3.38	
By districts and States													
District A---N. H., Mass., and Conn.	2/8	193	173.4	57.1	22.1	1.19	1.98	2.63	1.44	.65	1.36	4.29	

TABLE 3.---AVERAGES PER MAN-HOUR, BY DISTRICTS AND STATES AND BY SIZE CLASSES, FOR SELECTED
ESTABLISHMENTS IN 171 INDUSTRIES: 1939--Continued

District, State, and class	Estab- lish- ments	Wage earners (average for year)	Hours per month	Per wage-earner man-hour							Horse- power per W. E.	
				Wage earnings cents	Salary costs, cents	Cost mate- rials	Prime cost	Value prod- ucts	Value added	V. P. minus P. C.		Electric energy used, KWH
REFRIGERATORS, DOMESTIC (MECHANICAL AND ABSORPTION); REFRIGERATION MACHINERY AND EQUIPMENT; AND COMPLETE AIR-CONDITIONING UNITS---Continued												
District B, total	42	5,690	165.2	65.1	18.2	\$3.22	\$4.06	\$5.80	\$2.58	\$1.74	3.70	6.38
New York	23	1,466	174.3	65.7	22.8	2.29	3.17	4.14	1.85	.97	1.72	4.48
New Jersey and Pennsylvania	3/19	4,224	162.1	64.9	16.5	3.58	4.39	6.43	2.85	2.04	4.43	7.04
District C, total	65	23,262	157.7	78.5	17.0	2.08	3.04	3.89	1.81	.85	2.95	3.93
Michigan and Ohio	4/29	16,434	154.6	83.1	14.8	1.94	2.92	3.61	1.67	.69	3.18	4.09
Indiana	9	5,885	165.0	68.8	21.8	2.45	3.36	4.64	2.19	1.28	2.56	3.31
Illinois and Wisconsin	5/27	943	166.2	63.9	24.0	2.01	2.89	3.63	1.62	.74	1.57	4.95
District D, total	16	2,166	152.0	50.0	16.3	1.63	2.29	3.09	1.46	.80	2.67	1.88
Minnesota	6	1,535	145.1	46.1	11.3	1.68	2.26	2.94	1.26	.68	3.48	1.72
Iowa, Missouri, and Nebraska	6/10	631	168.6	58.2	26.9	1.53	2.38	3.41	1.88	1.03	.98	2.27
District E, total	22	1,130	179.0	44.6	9.2	1.63	2.17	3.09	1.46	.92	1.45	2.72
Md., W. Va., N. C., Ky., and Tenn.	7/10	543	168.4	45.2	11.5	2.02	2.59	3.31	1.29	.72	2.19	2.58
Georgia, Louisiana, Oklahoma, and Texas	8/12	587	188.8	44.1	7.1	1.31	1.82	2.91	1.60	1.09	.84	2.85
District F, total	26	648	164.7	63.3	28.7	1.79	2.71	3.50	1.71	.79	1.32	3.38
Colorado, Washington, and Oregon	9/6	68	162.5	69.3	66.5	1.92	3.28	4.18	2.26	.90	.80	4.75
California	20	580	164.9	62.6	24.4	1.77	2.64	3.42	1.65	.78	1.38	3.21
By size of plant												
1 to 20 wage earners	99	880	164.1	63.1	33.1	1.88	2.84	3.72	1.84	.88	.96	4.78
21 to 100	42	2,046	169.2	54.4	23.3	1.58	2.36	3.17	1.59	.81	1.20	5.24
101 to 500	26	6,496	159.7	62.2	19.5	2.29	3.10	3.95	1.66	.85	2.09	4.01
501 and over	10/12	23,667	158.5	77.5	15.3	2.28	3.21	4.28	2.00	1.07	3.45	4.10
The North by size of city												
Under 10,000 inhabitants	15	8,153	157.8	86.0	10.9	1.39	2.36	2.80	1.41	.44	2.65	3.20
10,000 to 24,999	9	3,752	148.4	61.0	14.4	2.22	2.97	3.40	1.18	.43	2.98	3.83
25,000 to 99,999	20	6,225	165.9	65.8	19.1	2.00	2.85	4.31	2.31	1.46	2.47	5.78
100,000 to 499,999	33	10,116	157.6	73.8	21.2	3.12	4.07	5.35	2.23	1.28	4.27	4.13
500,000 and over	54	3,065	163.7	74.4	20.0	2.32	3.26	4.64	2.32	1.38	1.85	4.73
The South by size of city												
10,000 to 99,999 inhabitants	11/6	121	179.8	58.1	25.3	2.06	2.89	3.71	1.65	.82	1.09	5.04
100,000 and over	12/16	1,009	178.9	43.0	7.3	1.58	2.08	3.02	1.44	.94	1.50	2.44
The West by size of city												
100,000 to 499,999 inhabitants	8	97	160.7	71.0	52.8	1.91	3.15	3.92	2.01	.77	.79	4.19
500,000 and over	18	551	165.4	62.0	24.6	1.77	2.64	3.43	1.66	.79	1.41	3.23
1/ Biennial-census totals for the industry: Establishments, 309; wage earners, 35,160; wages, \$48,391,944. 2/ N. H., 2 estab.; Mass., 4; Conn., 2. 3/ N. J., 6 estab.; Pa., 13. 4/ Mich., 16 estab.; Ohio, 13. 5/ Ill., 22 estab.; Wis., 5. 6/ Iowa, 1 estab.; Mo., 7; Nebr., 2. 7/ Md., 4 estab.; W. Va., 1; N. C., 2; Ky., 1; Tenn., 2. 8/ Ga., 3 estab.; La., 1; Okla., 1; Tex., 7. 9/ Colo., 2 estab.; Wash., 2; Oreg., 2. 10/ 501-2,500 group, 10 estab.; "2,501 and over" group, 2. 11/ 10,000-24,999 group, 2 estab.; 25,000-99,999 group, 4. 12/ 100,000-499,999 group, 13 estab.; "500,000 and over" group, 3.												

ELEVATORS, ESCALATORS, AND CONVEYORS												
Total for man-hour tabulations	1/123	1/7,274	165.1	76.9	31.1	1.41	2.49	3.64	2.23	1.15	2.19	6.05
The North (Districts A, B, C, and D)	91	6,576	164.0	78.3	31.3	1.40	2.50	3.70	2.30	1.20	2.33	5.99
The South (Districts E and F)	16	404	170.1	58.6	24.9	1.33	2.16	2.81	1.48	.65	.95	5.14
The West (District G)	16	294	182.2	71.6	35.9	1.67	2.75	3.45	1.78	.70	.88	8.69
By districts and States												
District A--Massachusetts and Connecticut	2/10	156	162.1	74.6	25.1	1.14	2.14	2.78	1.64	.64	.42	4.93
District B, total	31	3,314	162.7	79.8	30.2	1.28	2.38	3.78	2.50	1.40	3.02	7.75
New York	11	1,460	162.2	73.8	24.6	1.07	2.05	3.15	2.08	1.10	4.17	8.57
New Jersey	5	856	157.1	79.5	41.2	1.37	2.58	4.70	3.33	2.12	1.88	8.08
Pennsylvania	15	998	168.2	88.5	29.4	1.51	2.69	3.95	2.44	1.26	2.32	6.27
District C, total	40	2,870	164.5	79.6	33.4	1.60	2.73	3.78	2.18	1.05	1.73	4.17
Michigan	5	737	156.9	88.1	28.0	1.73	2.89	3.35	1.62	.46	.73	2.91
Ohio	14	947	169.3	65.6	40.1	1.67	2.73	4.22	2.55	1.49	1.61	5.77
Indiana, Illinois, and Wisconsin	3/21	1,186	165.4	86.0	31.0	1.47	2.64	3.69	2.22	1.05	2.42	3.68
District D--Minnesota, Missouri, and Kansas	4/10	236	176.8	47.5	24.8	.91	1.64	2.31	1.40	.67	1.38	4.02
District E, total	13	366	170.3	60.2	25.5	1.33	2.18	2.79	1.46	.61	.41	3.11
Maryland	4	54	186.6	49.2	58.7	1.84	2.92	4.45	2.61	1.53	.45	2.22
Virginia and North Carolina	5/4	57	164.8	60.0	31.2	1.40	2.31	2.98	1.58	.67	.63	3.72
Kentucky and Tennessee	6/5	255	168.1	62.9	16.5	1.19	1.98	2.36	1.17	.38	.35	3.16
District F--Georgia and Texas	7/3	38	168.7	42.4	18.7	1.34	1.95	3.00	1.66	1.05	6.24	24.66
District G--Colorado, Oregon, and California	8/16	294	182.2	71.6	35.9	1.67	2.75	3.45	1.78	.70	.88	8.69
By size of plant												
1 to 20 wage earners	72	722	166.5	68.5	44.8	1.72	2.86	3.86	2.14	1.00	1.08	5.78
21 to 100	35	1,695	178.1	61.5	38.8	1.79	2.80	4.00	2.21	1.20	1.19	6.09
101 to 500	13	2,628	160.0	77.8	32.8	1.40	2.51	3.71	2.31	1.20	2.63	6.24
501 to 2,500	3	2,229	160.7	91.6	18.0	.99	2.09	3.18	2.19	1.09	2.89	5.88

TABLE 3.---AVERAGES PER MAN-HOUR, BY DISTRICTS AND STATES AND BY SIZE CLASSES, FOR SELECTED
ESTABLISHMENTS IN 171 INDUSTRIES: 1939---Continued

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District, State, and class	Estab- lish- ments	Wage earners (average for year)	Hours per month	Per wage-earner man-hour								Horse- power per W. E.
				Wage earnings cents	Salary costs, cents	Cost mate- rials	Prime cost	Value prod- ucts	Value added	V. P. minus P. C.	Electro energy used, KWH	
ELEVATORS, ESCALATORS, AND CONVEYORS---Continued												
<u>The North by size of city</u>												
Under 10,000 inhabitants	7	149	179.2	51.6	33.6	\$1.37	\$2.22	\$2.86	\$1.49	\$.64	2.21	5.30
10,000 to 24,999	10	960	155.4	67.4	31.1	1.26	2.24	3.53	2.27	1.29	1.52	7.22
25,000 to 99,999	11	607	173.6	68.3	43.9	1.82	2.94	4.58	2.76	1.64	1.28	4.39
100,000 to 499,999	18	1,689	165.3	74.6	37.3	1.27	2.39	3.63	2.36	1.24	2.05	7.92
500,000 and over (West ie mostly this city-size)	45	3,171	163.3	86.9	25.4	1.43	2.55	3.66	2.23	1.11	2.94	4.93
<u>The South by size of city</u>												
Under 100,000 inhabitants	2/3	52	170.6	55.8	22.0	1.52	2.30	2.93	1.41	.63	.66	4.75
100,000 to 499,999	9	298	167.1	61.0	18.6	1.18	1.98	2.45	1.27	.47	1.10	5.73
500,000 and over	4	54	186.6	49.2	58.7	1.84	2.92	4.45	2.61	1.53	.45	2.22
1/ Biennial-census totals for the industry: Establishments, 183; wage earners, 8,915; wages, \$13,357,937.												
2/ Mass., 9 estab.; Conn., 1. 3/ Ind., 2 estab.; Ill., 13; Wis., 6. 4/ Minn., 4 estab.; Mo., 4; Kans., 2.												
5/ Va., 2 estab.; N. C., 2. 6/ Ky., 4 estab.; Tenn., 1. 7/ Ge., 1 estab.; Tex., 2.												
8/ Colo., 1 estab.; Oreg., 1; Calif., 14. 9/ "Under 10,000" group, 1 estab.; 10,000-24,999 group, 1; 25,000-99,999 group, 1.												

CARS AND TRUCKS, INDUSTRIAL												
Total for man-hour tabulations	1/44	1/2,544	164.4	58.8	24.6	1.44	2.28	3.26	1.82	.98	1.30	5.24
The North (District A)	33	2,236	164.6	59.3	25.0	1.50	2.34	3.40	1.90	1.06	1.27	5.20
The South (District B)	6	122	132.1	45.5	27.1	1.06	1.79	2.09	1.03	.30	.60	5.29
The West (District C)	5	186	183.6	60.0	18.5	1.00	1.78	2.27	1.27	.49	1.92	5.65
<u>By districts and States</u>												
District A, total	33	2,236	164.6	59.3	25.0	1.50	2.34	3.40	1.90	1.06	1.27	5.20
Mass., Conn., N. Y., N. J., and Pa.	2/11	733	169.0	66.1	27.6	1.47	2.40	3.64	2.17	1.24	1.07	3.96
Michigan, Ohio, and Illinois	3/17	1,392	161.1	56.4	23.1	1.53	2.32	3.27	1.74	.95	1.28	5.55
Wisconsin, Minnesota, Iowa, and Missouri	4/5	111	179.8	49.5	30.6	1.38	2.18	3.44	2.06	1.26	2.35	9.04
District B---Md., W. Va., Va., Ky., Ala., Tex.	5/6	122	132.1	45.5	27.1	1.06	1.79	2.09	1.03	.30	.60	5.29
District C---Colorado, Oregon, and California	6/5	186	183.6	60.0	18.5	1.00	1.78	2.27	1.27	.49	1.92	5.65
<u>By size of plant</u>												
1 to 20 wage earners	23	231	170.3	54.5	34.3	1.85	2.74	3.67	1.82	.93	1.41	6.66
21 to 100	13	753	164.2	53.7	27.5	1.47	2.28	3.18	1.71	.90	1.61	7.87
101 to 500	8	1,560	163.7	62.0	21.6	1.37	2.21	3.24	1.87	1.03	1.13	3.75
<u>The North by size of city</u>												
Under 10,000 inhabitants	7	306	136.1	54.1	28.1	1.50	2.32	3.05	1.55	.73	1.28	3.88
10,000 to 24,999	4	218	183.8	49.8	18.3	1.22	1.90	2.65	1.43	.75	1.85	6.18
25,000 to 99,999	9	473	164.9	52.1	25.5	1.39	2.16	2.88	1.49	.72	1.04	3.50
100,000 and over	7/13	1,239	168.2	64.9	25.5	1.59	2.49	3.81	2.22	1.32	1.24	6.00
1/ Biennial-census totals for the industry: Establishments, 55; wage earners, 2,732; wages, \$3,149,298.												
2/ Mass., 1 estab.; Conn., 2; N. Y., 1; N. J., 2; Pa., 5. 3/ Mich., 4 estab.; Ohio, 8; Ill., 5.												
4/ Wis., 2 estab.; Minn., 1; Iowa, 1; Mo., 1. 5/ Md., 1 estab.; W. Va., 1; Va., 1; Ky., 1; Ala., 1; Tex., 1.												
6/ Colo., 1 estab.; Oreg., 1; Calif., 3. 7/ 100,000-499,999 group, 2 estab.; "500,000 and over" group, 11.												

MOTOR VEHICLES AND MOTOR-VEHICLE BODIES, PARTS, AND ACCESSORIES												
Total for man-hour tabulations	1/779	1/386,879	151.3	90.0	15.8	3.81	4.86	5.64	1.83	.78	3.49	5.63
The North (Districts A, B, C, and D)	611	372,343	151.3	90.3	15.9	3.61	4.67	5.41	1.80	.74	3.55	5.74
The South (District E)	78	7,883	152.7	77.2	10.4	9.63	10.50	12.55	2.92	2.05	2.05	2.67
The West (District F)	90	6,653	148.2	85.6	18.9	7.81	8.85	10.27	2.46	1.42	1.77	3.11
<u>By districts and States</u>												
District A---Me., N. H., Mass., R. I., Conn.	2/33	2,070	156.5	66.4	16.7	4.58	5.41	6.59	2.01	1.18	1.66	2.72
District B, total	151	37,701	158.6	77.7	16.2	4.00	4.94	5.77	1.77	.83	2.40	4.45
New York	75	15,495	157.1	77.3	16.9	4.59	5.53	6.68	2.09	1.15	2.70	5.07
New Jersey	27	8,891	164.0	79.4	14.4	4.79	5.73	6.39	1.60	.66	2.22	3.55
Pennsylvania	49	13,315	156.7	76.9	16.7	2.74	3.68	4.27	1.53	.59	2.17	4.34
District C, total	378	324,255	150.1	92.3	15.8	3.41	4.49	5.19	1.78	.70	3.74	5.93
Michigan	156	250,262	148.0	95.4	15.1	3.39	4.49	5.10	1.71	.61	4.06	5.90
Ohio	79	28,888	156.1	83.0	19.6	3.14	4.17	5.18	2.04	1.01	2.80	5.96
Indiana	45	25,292	156.9	82.5	16.9	3.13	4.12	5.07	1.94	.95	2.75	5.55
Illinois	70	6,776	162.5	70.2	17.4	4.44	5.32	6.42	1.98	1.10	2.27	3.79
Wisconsin	28	13,037	157.3	86.9	17.7	4.38	5.43	6.38	2.00	.95	2.80	8.25
District D---Minn., Iowa, Mo., Nebr., Kans.	3/49	8,317	162.1	80.7	16.1	9.15	10.12	11.77	2.62	1.65	2.06	4.92
District E, total	78	7,883	152.7	77.2	10.4	9.63	10.50	12.55	2.92	2.05	2.05	2.67
Del., Md., D. C., W. Va., Va., N. C., Ky., Tenn.	4/35	4,558	150.8	77.8	10.9	9.84	10.72	12.60	2.76	1.88	2.04	2.51
S. C., Ga., Fla., Ala., Miss., La., and Ark.	5/19	1,969	152.9	78.9	12.4	9.73	10.65	12.75	3.02	2.10	2.26	3.10
Oklahoma and Texas	6/24	1,356	159.1	72.7	5.9	8.83	9.62	12.12	3.29	2.50	1.77	2.55
District F, total	90	6,653	148.2	85.6	18.9	7.81	8.85	10.27	2.46	1.42	1.77	3.11
Colorado, Utah, and Arizona	7/7	155	173.1	55.2	20.8	1.04	1.80	2.39	1.35	.59	.47	2.37
Washington	12	316	156.3	80.0	19.2	2.31	3.30	3.53	1.22	.23	.43	2.59
Oregon	8	172	159.7	76.2	13.6	1.43	2.33	2.58	1.15	.25	1.02	3.22
California	63	6,010	146.8	87.1	19.0	8.52	9.59	11.13	2.61	1.54	1.91	3.15

TABLE 3.—AVERAGES PER MAN-HOUR, BY DISTRICTS AND STATES AND BY SIZE CLASSES, FOR SELECTED

ESTABLISHMENTS IN 171 INDUSTRIES: 1939—Continued

District, State, and class	Estab-lish-ments	Wage earners (average for year)	Hours per month	Per wage-earner man-hour								Horse-power per W. E.
				Wage earnings cents	Salary costs, cents	Cost mate-rials	Prime cost	Value prod-ucts	Value added	V. P. minus P. C.	Electric energy used, KWH	
MOTOR VEHICLES AND MOTOR-VEHICLE BODIES, PARTS, AND ACCESSORIES---Continued												
<u>By size of plant</u>												
1 to 20 wage earners	309	2,624	169.9	58.4	21.8	\$1.57	\$2.37	\$3.12	\$1.55	\$.75	.76	4.15
21 to 100	173	8,262	170.5	57.6	21.7	1.55	2.34	3.05	1.50	.71	1.06	3.69
101 to 500	134	31,787	158.1	72.1	19.9	3.59	4.51	5.54	1.95	1.03	2.40	5.13
501 to 2,500	134	154,193	150.3	90.4	17.4	4.23	5.30	6.14	1.91	.84	2.93	5.18
2,501 and over	29	190,013	149.8	94.9	13.4	3.65	4.73	5.42	1.77	.69	4.30	6.18
<u>The North by size of city</u>												
Under 10,000 inhabitants	90	14,516	162.4	72.5	13.7	4.59	5.45	6.45	1.86	1.00	2.82	4.69
10,000 to 24,999	41	16,077	152.8	82.4	16.2	3.58	4.57	5.30	1.72	.73	3.05	5.36
25,000 to 99,999	105	54,220	148.6	88.7	19.4	4.56	5.64	6.59	2.03	.95	3.05	5.14
100,000 to 499,999	120	74,212	155.5	89.1	16.5	3.56	4.61	5.61	2.05	1.00	3.07	5.28
500,000 and over	255	213,318	149.6	93.1	14.9	3.33	4.41	4.98	1.65	.57	3.94	6.15
<u>The South by size of city</u>												
Under 10,000 inhabitants	14	425	152.3	47.5	9.8	2.18	2.76	3.49	1.31	.73	1.02	3.04
10,000 to 24,999	7	205	163.9	44.4	12.9	.96	1.53	2.01	1.05	.48	.97	2.56
25,000 to 99,999	11	252	167.9	42.6	9.4	1.15	1.67	2.02	.87	.35	.80	3.48
100,000 to 499,999	34	5,227	154.6	80.4	8.8	10.30	11.20	13.51	3.21	2.31	2.26	2.71
500,000 and over	12	1,774	143.9	84.4	15.3	11.93	12.93	14.95	3.02	2.02	1.99	2.34
<u>The West by size of city</u>												
Under 10,000 inhabitants	7	222	167.6	69.7	11.2	1.42	2.23	2.86	1.44	.63	.34	2.51
10,000 to 99,999	8/9	1,981	155.1	92.2	16.2	5.39	6.47	7.83	2.44	1.36	1.87	2.56
100,000 to 499,999	30	2,532	140.2	87.2	17.3	10.22	11.27	13.02	2.80	1.75	2.02	3.32
500,000 and over	44	1,918	149.5	78.6	24.7	8.25	9.28	10.44	2.19	1.16	1.55	3.47
1/ Biennial-census totals for the industry: Establishments, 1,054; wage earners, 397,537; wages, \$644,904,621.												
2/ Me., 1 estab.; N. H., 2; Mass., 19; R. I., 2; Conn., 9. 3/ Minn., 16 estab.; Iowa, 5; Mo., 23; Nebr., 1; Kans., 4.												
4/ Del., 2 estab.; Md., 10; D. C., 2; W. Va., 2; Va., 4; H. C., 7; Ky., 6; Tenn., 2.												
5/ S. C., 1 estab.; Ga., 7; Fla., 1; Ala., 2; Miss., 2; La., 3; Ark., 3. 6/ Okla., 2 estab.; Tex., 22.												
7/ Colo., 5 estab.; Utah, 1; Ariz., 1. 8/ 10,000-24,999 group, 2 estab.; 25,000-99,999 group, 7.												

AUTOMOBILE TRAILERS (FOR ATTACHMENT TO PASSENGER CARS)

Total for man-hour tabulations	1/45	1,1218	176.7	49.0	11.4	1.59	2.20	2.61	1.02	.41	.38	1.12
The North (District A).	27	1,029	176.6	49.8	12.1	1.66	2.28	2.67	1.01	.39	.39	1.15
The South (District B).	5	81	162.1	47.0	8.8	1.10	1.66	2.28	1.18	.62	.40	1.32
The West (District C).	13	108	188.0	44.0	7.3	1.37	1.88	2.38	1.01	.50	.25	.64
<u>By districts and States</u>												
District A, total	27	1,029	176.6	49.8	12.1	1.66	2.28	2.67	1.01	.39	.39	1.15
Michigan	9	360	183.7	50.5	17.0	1.44	2.12	2.48	1.04	.36	.55	1.70
New York, Pennsylvania, Ohio, and Indiana	2/10	501	171.3	50.8	9.2	1.60	2.20	2.50	.90	.30	.28	.79
Illinois, Wisconsin, and Minnesota	3/8	168	177.1	44.9	9.6	2.30	2.84	3.55	1.25	.71	.38	1.07
District B—Md., Miss., Okla., and Tex.	4/5	81	162.1	47.0	8.8	1.10	1.66	2.28	1.18	.62	.40	1.32
District C—Colorado, Oregon, and California	5/13	108	188.0	44.0	7.3	1.37	1.88	2.38	1.01	.50	.25	.64
<u>By size of plant</u>												
1 to 20 wage earners	28	201	155.6	52.6	11.2	1.49	2.13	2.68	1.19	.55	.71	1.93
21 to 500	6/17	1,017	180.8	48.4	11.5	1.61	2.21	2.60	.99	.39	.33	.96
<u>The North by size of city</u>												
Under 10,000 inhabitants	8	261	175.7	45.5	14.4	1.35	1.95	2.36	1.01	.41	.40	2.04
10,000 to 24,999	4	209	163.5	56.7	9.5	1.52	2.18	2.32	.80	.14	.63	1.29
25,000 to 99,999	8	401	183.4	51.3	13.2	1.66	2.31	2.68	1.02	.37	.29	.77
100,000 and over	7/7	158	178.2	44.2	8.5	2.31	2.84	3.55	1.24	.71	.36	.47
1/ Biennial-census totals for the industry: Establishments, 79; wage earners, 1,426; wages, \$1,501,270.												
2/ N. Y., 1 estab.; Pa., 2; Ohio, 1; Ind., 6. 3/ Ill., 6 estab.; Wis., 1; Minn., 1.												
4/ Md., 1 estab.; Miss., 1; Okla., 1; Tex., 2. 5/ Colo., 2 estab.; Oreg., 3; Calif., 8.												
6/ 21-100 group, 16 estab.; 101-500 group, 1. 7/ 100,000-499,999 group, 1 estab.; "500,000 and over" group, 6.												

TABLE 4.—AVERAGE MAN-HOURS PER WAGE EARNER, BY MONTHS, BY DISTRICTS AND STATES AND BY SIZE CLASSES,
FOR SELECTED ESTABLISHMENTS IN 171 INDUSTRIES: 1939

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District, State, and class	Estab- lish- ments	Wage earners (average for year)	Monthly average hours per wage earner												For year
			Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	
FLOUR AND OTHER GRAIN-MILL PRODUCTS															
Total for man-hour tabulations	1/833	1/19,698	176	169	186	180	180	186	182	193	194	186	180	178	182.7
The North (Districts A, B, C, and D)	435	12,193	171	166	184	176	176	183	178	192	191	184	177	175	179.5
The South (Districts E, F, and G)	283	4,576	186	175	192	188	190	190	189	194	203	191	186	184	189.1
The West (District H)	115	2,929	185	172	187	182	183	191	189	198	193	186	181	181	185.7
By districts and States															
District A---Mass., R. I., and Conn.	2/4	32	165	144	166	139	164	194	186	180	184	174	175	152	168.8
District B, total	94	2,279	184	170	185	189	182	192	179	204	204	196	177	182	187.2
New York and New Jersey	3/28	1,822	183	168	180	190	184	197	181	208	207	197	175	182	187.8
Pennsylvania	66	457	185	179	203	184	178	174	174	189	194	192	184	181	184.8
District C, total	168	3,633	176	170	192	177	178	188	182	201	194	185	183	181	184.1
Michigan	28	459	178	180	198	177	198	193	196	212	201	186	184	180	190.1
Ohio	61	838	178	171	196	181	185	186	185	204	189	193	187	179	186.1
Indiana	43	821	173	162	184	172	177	186	190	187	188	184	175	184	180.2
Illinois	29	1,210	175	173	194	177	164	181	171	202	192	179	182	179	181.1
Wisconsin	7	305	184	168	181	179	181	216	173	208	222	195	202	187	192.1
District D, total	169	6,249	163	162	179	172	172	176	175	182	185	178	174	169	174.1
Minnesota	35	1,923	159	158	181	162	172	180	172	196	193	184	174	164	174.5
North Dakota and South Dakota	4/11	265	121	132	146	149	141	144	139	160	196	185	181	166	156.0
Iowa	10	207	186	181	195	200	201	185	180	182	182	177	186	179	186.0
Missouri	43	1,426	166	164	177	167	172	177	177	173	168	172	173	172	171.7
Nebraska	16	338	170	165	182	194	180	176	208	184	181	175	183	170	180.7
Kansas	54	2,090	167	168	182	180	173	175	177	179	185	178	171	170	175.4
District E, total	196	2,103	194	183	198	193	194	195	193	196	206	194	190	190	194.0
Delaware, Maryland, and District of Columbia	5/26	159	204	194	208	205	216	206	204	213	205	221	203	204	206.9
West Virginia	8	118	174	164	182	172	179	166	155	151	191	170	161	174	169.7
Virginia	53	380	208	198	206	213	212	204	207	214	213	205	207	200	207.4
North Carolina	42	452	189	182	194	189	188	191	190	190	193	187	183	181	188.2
Kentucky	34	488	191	177	199	181	188	196	190	200	208	195	190	197	192.7
Tennessee	33	506	193	178	197	194	188	197	192	190	215	188	189	182	192.0
District F, total	32	427	184	173	174	184	185	187	193	198	203	187	180	176	187.2
South Carolina, Georgia, and Florida	6/23	289	181	172	182	182	178	190	192	196	183	168	167	181.6	
Alabama, Mississippi, Louisiana, and Arkansas	7/9	138	192	176	214	97	191	207	198	214	218	197	205	193	198.8
District G, total	55	2,046	177	167	185	183	187	185	185	191	200	189	183	179	184.4
Oklahoma	19	568	180	171	196	186	185	195	193	210	218	193	191	181	191.0
Texas	36	1,478	176	166	181	182	188	181	182	184	193	191	180	179	181.8
District H, total	115	2,929	185	172	187	182	183	191	189	198	193	186	181	181	185.7
Montana	11	231	165	158	161	181	171	185	203	236	218	200	191	186	187.7
Wyoming, Colorado, New Mexico, and Arizona	8/26	476	189	178	197	182	187	193	187	209	201	202	192	198	192.8
Idaho	13	140	195	186	185	176	187	180	177	172	174	181	173	205	182.4
Utah	17	244	173	171	193	181	195	197	195	202	189	189	192	181	188.3
Washington	15	817	188	171	190	186	177	190	187	193	195	187	180	175	185.0
Oregon	15	538	186	173	181	181	184	192	189	193	179	172	168	167	180.6
California	18	483	186	169	190	178	187	192	192	186	191	179	179	181	184.3
By size of plant															
1 to 20 wage earners	576	3,669	185	179	190	186	189	191	194	196	197	189	186	188	189.2
21 to 100	216	9,192	177	169	188	181	183	186	182	189	193	186	180	177	182.6
101 to 500	41	6,837	171	164	182	175	172	183	176	196	194	184	177	173	179.2

For footnotes on the Flour and Other Grain-Mill Products industry, see page 14.

PREPARED FEEDS (INCLUDING MINERAL) FOR ANIMALS AND FOWLS

Total for man-hour tabulations	1/576	1/11,283	174	169	190	179	185	187	181	187	183	178	179	175	180.6
The North (Districts A, B, C, and D)	304	6,561	176	171	190	181	186	187	185	190	186	179	181	177	182.5
The South (Districts E, F, and G)	122	2,496	177	174	199	184	192	190	181	188	186	181	185	182	185.0
The West (District H)	150	2,226	164	156	177	165	175	182	172	175	172	170	165	161	169.9
By districts and States															
District A, total	29	569	180	171	192	177	99	182	180	190	187	178	178	179	182.0
Maine, New Hampshire, and Vermont	2/17	296	185	175	196	182	5	186	190	197	193	183	185	180	187.2
Massachusetts and Connecticut	3/12	273	175	167	188	171		178	170	183	181	174	170	178	176.4
District B, total	99	2,492	174	173	192	190	186	190	191	193	191	178	185	181	185.4
New York	48	1,764	171	170	190	187	183	181	187	192	188	175	184	178	182.2
New Jersey	12	250	163	165	177	205	171	205	200	203	190	180	191	181	185.6
Pennsylvania	39	478	193	188	206	197	204	215	200	192	202	188	184	192	196.8
District C, total	88	2,068	179	172	191	179	185	187	182	189	184	184	179	177	182.5
Michigan	10	79	167	164	178	172	171	184	176	178	197	174	188	196	179.0
Ohio	28	724	172	168	185	172	180	186	181	188	182	185	182	177	180.2
Indiana	14	177	162	169	183	187	191	186	200	193	188	178	178	172	182.8
Illinois	27	1,011	185	175	197	183	190	187	179	190	183	184	176	175	183.5
Wisconsin	9	77	196	178	206	188	184	203	193	194	204	189	190	193	193.4

TABLE 4.---AVERAGE MAN-HOURS PER WAGE EARNER, BY MONTHS, BY DISTRICTS AND STATES AND BY SIZE CLASSES,
FOR SELECTED ESTABLISHMENTS IN 171 INDUSTRIES: 1939--Continued

District, State, and class	Estab- lish- ments	Wage earners (average for year)	Monthly average hours per wage earner													For year
			Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.		
PREPARED FEEDS (INCLUDING MINERAL) FOR ANIMALS AND FOWLS--- Continued																
District D, total	88	1,432	172	164	183	171	186	184	181	187	179	174	177	170	177.7	
Minnesota	15	171	177	168	178	167	182	188	166	176	169	174	174	174	174.5	
Iowa	21	248	186	175	185	173	184	181	175	170	188	180	187	181	180.6	
Missouri	24	545	180	164	191	182	188	186	169	177	166	176	177	168	176.7	
Nebraska	13	188	155	159	165	163	146	179	205	221	214	173	168	160	179.8	
Kansas	15	280	142	151	175	158	210	186	195	194	175	165	173	167	177.7	
District E, total	48	1,183	175	177	197	182	191	192	176	186	184	181	184	177	183.5	
Delaware, Maryland, and West Virginia	4/19	354	179	177	191	170	194	202	179	191	188	190	193	180	185.9	
Virginia and North Carolina	5/14	245	160	168	179	168	163	167	166	163	171	178	169	163	168.0	
Kentucky and Tennessee	6/15	584	179	182	209	195	201	196	178	192	187	177	185	181	188.6	
District F, total	35	720	180	169	203	188	190	186	179	189	188	179	187	181	185.1	
South Carolina, Georgia, Florida, and Alabama	7/22	453	181	169	204	189	188	188	178	190	188	180	191	188	186.0	
Mississippi and Louisiana	8/7	159	178	169	193	182	183	183	175	188	180	167	187	168	179.4	
Arkansas	6	108	179	169	214	198	210	184	194	188	200	195	169	172	189.5	
District G, total	39	593	180	173	199	183	197	192	193	192	186	184	184	192	187.9	
Oklahoma	12	184	199	184	196	200	201	208	206	193	188	185	184	187	194.6	
Texas	27	409	173	169	200	174	195	185	186	191	185	184	185	194	184.9	
District H, total	150	2,226	164	156	177	165	175	182	172	175	172	170	165	161	169.9	
Montana, Idaho, Utah, and Nevada	9/13	143	189	172	166	158	158	171	184	177	154	176	179	172	171.5	
Colorado, New Mexico, and Arizona	10/25	367	129	117	146	138	158	167	159	128	151	138	149	127	143.5	
Washington	29	344	177	167	183	176	180	180	177	184	172	174	179	179	177.1	
Oregon	24	232	176	168	180	172	184	182	160	194	187	182	173	170	177.4	
California	59	1,140	167	161	183	169	178	192	178	184	178	176	162	164	174.4	
By size of plant																
1 to 20 wage earners	428	3,284	173	168	181	176	182	187	180	183	185	182	179	177	179.7	
21 to 100	132	5,706	170	166	189	176	184	186	170	185	179	172	176	172	178.0	
101 to 500	16	2,293	184	175	202	192	194	189	189	195	190	185	185	180	188.2	

For footnotes on the Prepared Feeds for Animals and Fowls industry, see page 15.

CEREAL PREPARATIONS																
Total for man-hour tabulations	1/51	1/7,355	164	151	168	169	166	167	162	168	174	158	145	146	162.1	
The North (Districts A and B)	37	7,148	163	151	167	169	166	167	162	167	172	158	145	146	161.5	
The West (District C)	14	207	188	157	207	167	201	185	189	205	235	176	136	145	182.8	
<u>By districts and States</u>																
District A, total	18	4,820	163	147	164	173	164	167	166	166	173	154	137	148	160.8	
Vt., Mass., N. Y., N. J., and Pa.	2/11	1,070	161	147	176	151	151	169	150	169	165	158	151	158	158.9	
Michigan, Ohio, and Illinois	3/7	3,750	163	147	161	179	168	167	171	165	175	153	133	145	161.3	
District B, total	19	2,328	165	158	172	161	171	166	152	169	171	164	161	142	162.9	
Minnesota and Iowa	4/10	1,442	166	159	172	158	160	162	145	173	176	167	162	147	162.8	
Nebraska, Missouri, Louisiana, and Texas	5/9	886	162	156	173	166	188	171	161	164	163	159	160	133	163.2	
District C---Wash., Oreg., and Calif.	6/14	207	188	157	207	167	201	185	189	205	235	176	136	145	182.8	
<u>By size of plant</u>																
1 to 20 wage earners	22	137	153	156	183	159	152	164	148	156	163	149	174	152	158.9	
21 to 100	13	718	169	147	189	158	169	165	150	178	183	169	151	157	165.8	
101 to 500	12	2,675	165	164	167	168	167	169	155	170	179	170	163	145	165.4	
501 to 2,500	4	3,825	163	142	164	172	167	167	170	165	169	148	131	144	159.1	

For footnotes on the Cereal Preparations industry, see page 16.

BLENDED AND PREPARED FLOUR MADE FROM PURCHASED FLOUR																
Total for man-hour tabulations	1/40	1,412	167	155	169	159	171	165	159	172	163	168	155	149	162.7	
The North (First 2 groups of States below)	10	83	166	141	159	158	165	172	162	201	182	180	161	156	167.1	
The South (3rd group)	25	312	169	162	174	161	175	165	159	167	159	166	154	149	163.0	
The West (4th group)	5	17	131	118	134	139	145	150	138	147	126	146	142	130	136.9	
<u>By districts and States</u>																
New York	5	52	158	134	162	167	170	167	163	196	166	172	157	166	164.6	
Michigan, Illinois, Iowa, and Missouri	2/5	31	180	154	156	144	157	183	158	208	216	195	168	142	171.5	
Md., N. C., Tenn., S. C., Ga., Fla., Ala., Miss., La., and Tex.	3/25	312	169	162	174	161	175	165	159	167	159	166	154	149	163.0	
Washington and California	4/5	17	131	118	134	139	145	150	138	147	126	146	142	130	136.9	
<u>By size of plant</u>																
1 to 20 wage earners	34	230	162	146	167	156	159	152	145	164	156	158	147	144	154.3	
21 to 100	6	182	174	169	172	162	186	182	177	182	172	183	166	156	173.4	

For footnotes on the Blended and Prepared Flour industry, see page 16.

CUSTOM SLAUGHTERING, WHOLESALE																
Total for man-hour tabulations	1/32	1/589	171	166	171	165	161	167	163	166	173	171	175	172	168.3	
The North (First 2 groups of States below)	12	186	169	160	177	180	162	173	162	171	173	171	185	177	171.3	
The South (3rd, 4th, and 5th groups)	17	334	178	174	172	161	164	167	167	166	179	176	175	174	171.0	
The West (6th group)	3	69	148	143	145	146	148	146	147	150	150	148	146	150	147.4	

TABLE 4.---AVERAGE MAN-HOURS PER WAGE EARNER, BY MONTHS, BY DISTRICTS AND STATES AND BY SIZE CLASSES,
FOR SELECTED ESTABLISHMENTS IN 171 INDUSTRIES: 1939---Continued

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District, State, and class	Estab- lish- ments	Wage earners (average for year)	Monthly average hours per wage earner												
			Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	For year
CUSTOM SLAUGHTERING, WHOLESALE---Continued															
<u>By districts and States</u>															
Vermont, Connecticut, and Pennsylvania	2/4	81	194	166	165	169	163	165	175	170	198	168	188	164	173.1
Michigan, Ohio, Indiana, Illinois, and Wisconsin	2/8	105	151	156	187	190	162	179	155	171	157	174	181	193	169.9
Virginia, North Carolina, South Carolina, Georgia	4/7	87	161	174	181	161	158	165	156	184	163	168	163	172	166.6
Tennessee and Louisiana	5/4	176	185	176	166	154	162	166	170	154	188	178	179	176	171.2
Texas	6	71	179	169	180	176	176	173	173	179	177	178	182	171	176.1
Oregon and California	6/3	69	148	143	145	146	148	146	147	150	150	148	146	150	147.4
<u>By size of plant</u>															
1 to 20 wage earners	24	237	169	160	170	172	172	166	170	173	171	166	172	169	169.1
21 to 100	8	352	173	171	171	161	155	167	159	161	174	174	177	174	167.8

For footnotes on the Custom Slaughtering industry, see page 17.

MEAT PACKING, WHOLESALE															
Total for man-hour tabulations	1/737	1/108,647	168	175	173	172	185	174	175	186	175	174	180	173	175.9
The North (Districts A, B, C, and D)	433	87,487	168	174	172	172	185	174	175	184	175	172	180	174	175.4
The South (Districts E, F, and G)	155	13,097	171	181	177	174	188	173	178	191	177	182	180	174	178.8
The West (District H)	149	8,063	167	172	178	173	185	179	173	194	171	174	183	169	176.4
<u>By districts and States</u>															
District A, total	22	1,976	162	188	165	157	193	163	167	205	160	167	193	160	173.4
Maine, New Hampshire, and Vermont	2/5	109	210	168	208	177	208	195	204	199	190	208	193	204	196.8
Massachusetts, Rhode Island, and Connecticut	3/17	1,867	160	190	163	156	192	161	164	205	158	165	193	157	172.0
District B, total	122	11,954	165	172	175	169	187	175	172	188	173	177	180	178	175.9
New York	52	5,357	160	177	177	176	187	179	175	182	174	175	180	179	176.5
New Jersey	15	2,833	172	169	179	165	190	174	171	199	172	173	179	183	177.4
Pennsylvania	55	3,764	168	167	169	162	184	171	170	188	172	181	181	174	174.0
District C, total	190	36,092	169	177	175	174	187	174	177	185	181	171	182	178	177.5
Michigan	24	1,632	177	156	177	182	205	186	182	196	189	183	195	197	185.4
Ohio	64	4,692	174	170	178	173	186	181	175	185	174	180	179	172	177.1
Indiana	33	3,527	173	172	199	176	201	170	167	170	191	168	188	175	178.9
Illinois	52	22,857	167	181	171	173	183	172	177	186	180	168	181	176	176.4
Wisconsin	17	3,384	170	172	177	176	192	174	185	192	183	175	178	191	180.7
District D, total	99	37,465	168	172	169	172	182	174	176	181	170	172	177	169	173.9
Minnesota, North Dakota, and South Dakota	4/20	11,321	162	160	174	159	180	174	163	175	168	171	180	170	169.4
Iowa	20	10,562	181	177	167	187	181	172	195	176	171	179	177	180	178.5
Missouri	20	4,109	161	184	157	160	193	169	166	194	171	162	191	167	172.8
Nebraska	14	4,589	162	177	166	166	186	170	170	184	162	163	180	159	152.1
Kansas	25	6,884	168	176	171	181	176	180	176	187	176	178	165	157	173.9
District E, total	71	5,142	176	183	183	178	194	185	177	199	178	181	187	178	183.3
Del., Md., D. C., and W. Va.	5/31	1,984	183	190	193	186	200	190	182	199	181	190	200	184	189.9
Virginia and North Carolina	6/18	897	164	180	169	162	180	164	155	187	156	163	182	161	168.6
Kentucky	10	882	180	171	201	179	188	203	182	207	179	186	176	191	186.8
Tennessee	12	1,379	171	183	167	178	198	180	181	203	189	177	178	171	181.3
District F, total	36	2,656	176	199	174	172	190	168	174	197	175	182	181	173	180.0
South Carolina, Georgia, and Florida	7/19	1,980	177	200	176	171	186	168	175	197	174	181	178	174	179.7
Alabama and Mississippi	8/9	443	178	200	170	170	195	164	172	196	172	176	184		178.8
Louisiana and Arkansas	2/8	233	167	181	162	180	210	174	179	196	188	210	194	169	184.4
District G, total	48	5,299	162	170	173	171	182	164	180	181	177	181	173	171	173.9
Oklahoma	10	1,790	157	154	166	184	171	166	189	171	173	198	163	182	173.0
Texas	38	3,509	165	179	177	164	186	164	175	186	178	173	179	166	174.3
District H, total	149	8,063	167	172	178	173	185	179	173	194	171	174	183	169	176.4
Montana, Idaho, and Wyoming	10/17	354	198	189	188	191	193	187	191	185	186	183	185	183	188.8
Colorado	12	1,366	170	171	172	161	183	174	170	189	166	177	178	162	172.8
Utah and Nevada	11/11	301	170	159	160	192	184	162	173	179	159	170	9	148	168.5
New Mexico and Arizona	12/13	375	192	184	188	182	187	201	188	187	197	199	185	194	190.2
Washington	22	1,133	156	172	186	174	194	179	172	194	177	177	197	171	179.1
Oregon	16	553	158	183	166	161	187	170	161	193	166	157	185	152	169.9
California	58	3,981	166	170	179	175	181	180	174	198	169	172	181	171	176.1
<u>By size of plant</u>															
1 to 20 wage earners	333	2,674	178	172	186	177	184	184	181	189	186	188	184	183	182.9
21 to 100	223	10,262	175	173	183	179	183	183	181	185	182	182	178	179	180.2
101 to 500	128	29,303	169	175	177	171	189	175	173	191	173	177	183	174	177.4
501 to 2,500	48	47,177	164	174	170	172	187	171	175	185	173	172	181	170	174.5
2,501 and over	5	19,231	173	178	169	172	175	174	175	179	175	166	174	177	173.9

For footnotes on the Meat Packing industry, see page 18.

BEET SUGAR															
Total for man-hour tabulations	1/76	1/9,329	152	159	179	164	170	171	167	197	187	212	214	159	189.2
The North (First 2 groups of States below)	24	2,652	134	159	179	160	172	173	169	187	182	213	222	158	191.8
The West (3rd, 4th, and 5th groups)	52	6,677	157	159	179	166	169	170	166	200	188	211	210	160	188.2

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TABLE 4.---AVERAGE MAN-HOURS PER WAGE EARNER, BY MONTHS, BY DISTRICTS AND STATES AND BY SIZE CLASSES,
FOR SELECTED ESTABLISHMENTS IN 171 INDUSTRIES: 1939---Continued

District, State, and class	Estab- lish- ments	Wage earners (average for year)	Monthly average hours per wage earner												
			Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	For year

BEET SUGAR---Continued															
By districts and States															
Michigan, Ohio, Indiana, and Wisconsin	2/12	1,407	140	150	182	156	172	176	167	186	179	217	228	157	194.0
Minnesota, Iowa, South Dakota, Nebraska, and Kansas	3/12	1,245	132	167	177	164	172	170	173	189	183	209	216	159	189.4
Montana, Wyoming, and Colorado	4/27	2,980	180	158	186	164	166	162	156	170	151	201	199	136	177.7
Utah, Idaho, Washington, and Oregon	5/15	1,747	132	156	168	157	160	162	156	160	148	210	241	207	190.9
California	10	1,950	182	165	176	179	181	190	185	222	230	234	198	136	202.0
By size of plant															
21 to 100 wage earners	26	2,094	134	166	181	161	168	167	163	181	162	196	204	153	181.6
101 to 2,500	6/50	7,235	155	158	179	165	170	172	168	200	192	217	218	160	191.5

For footnotes on the Beet Sugar industry, see page 18.

CANE-SUGAR REFINING															
Total for man-hour tabulations	1/27	1/14,133	146	132	186	153	146	162	156	158	168	157	143	153	155.1
The North (First 3 lines of States below)	17	8,899	160	136	191	159	150	167	156	157	181	160	141	158	159.2
The South (4th and 5th lines)	10	5,234	124	125	176	144	137	153	156	160	152	152	145	146	148.1
<u>By districts and States</u>															
Mass., N. J., Ind., Ill., Wis., and Calif.	2/8	4,233	159	139	190	158	164	192	154	158	174	160	134	158	161.4
New York	6	2,650	172	132	199	164	149	181	162	145	185	166	149	167	162.8
Pennsylvania	3	2,016	149	133	185	153	124	94	150	173	188	153	144	145	149.9
Maryland, Georgia, and Texas	3/3	1,987	117	127	156	131	110	137	138	152	136	132	127	109	131.3
Louisiana	7	3,247	128	124	189	150	155	164	166	165	163	164	158	167	158.3
<u>By size of plant</u>															
1 to 100 wage earners	4/4	76	236	209	202	215	213	148	162	167	158	194	144	157	169.9
101 to 500	10	3,131	112	128	170	136	149	157	145	164	144	149	129	153	144.9
501 to 2,500	13	10,926	155	133	190	158	145	163	160	156	176	160	147	153	157.9

For footnotes on the Cane Sugar Refining industry, see page 18.

DISTILLED LIQUORS															
Total for man-hour tabulations	1/65	1/3,705	164	156	178	163	170	168	166	164	171	178	173	170	168.6
The North (Districts A and B)	24	1,671	167	160	183	169	176	174	167	163	179	185	186	177	174.4
The South (District C)	33	1,901	161	153	173	159	165	163	164	167	162	168	161	164	163.1
The West (District D)	8	133	193	160	177	151	170	173	172	142	200	205	172	148	173.1
<u>By districts and States</u>															
District A, total	12	453	175	172	178	164	178	177	176	174	166	165	171	170	171.9
Massachusetts, New York, and New Jersey	2/5	111	182	169	185	175	182	180	181	185	178	191	178	169	179.3
Pennsylvania	7	342	172	172	177	161	176	176	175	170	161	155	169	170	169.5
District B, total	12	1,218	164	156	185	171	176	173	164	159	183	193	191	180	175.3
Ohio and Missouri	3/4	231	168	157	176	166	157	164	161	160	144	207	173	167	167.1
Indiana	4	407	168	158	178	168	180	177	163	179	165	187	181	170	173.3
Illinois	4	580	160	155	194	176	181	173	165	144	209	193	209	196	179.9
District C, total	33	1,901	161	153	173	159	165	163	164	167	162	168	161	164	163.1
Maryland and Virginia	4/13	457	160	152	175	162	177	171	175	178	168	176	173	171	169.3
Kentucky	20	1,444	161	153	172	158	161	160	160	163	160	166	158	162	161.2
District D---California	8	133	193	160	177	151	170	173	172	142	200	205	172	148	173.1
<u>By size of plant</u>															
1 to 20 wage earners	20	172	165	145	179	170	173	169	135	152	168	176	172	148	163.4
21 to 100	32	1,570	163	155	170	157	168	165	164	164	165	167	165	162	163.8
101 to 500	13	1,963	165	158	184	168	172	170	169	164	177	186	179	177	172.8

For footnotes on the Distilled Liquor industry, see page 19.

MALT LIQUORS															
Total for man-hour tabulations	1/430	1/31,264	161	157	173	168	175	179	175	182	172	169	169	170	171.2
The North (Districts A, B, C, and D)	332	25,044	161	157	172	168	175	178	176	182	173	169	169	170	171.1
The South (Districts E and F)	40	3,329	160	163	180	170	174	188	175	186	178	169	175	175	174.8
The West (District G)	58	2,891	160	157	175	169	175	174	169	179	162	170	163	161	168.3
<u>By districts and States</u>															
District A, total	20	1,162	154	147	168	156	171	171	183	179	162	163	160	164	165.2
New Hampshire and Massachusetts	2/11	603	147	146	167	154	169	161	163	179	158	160	164	163	160.9
Rhode Island and Connecticut	3/9	559	161	149	169	159	173	182	206	179	167	167	157	165	169.8
District B, total	109	7,512	160	157	168	166	172	175	172	181	171	168	168	168	169.0
New York	43	3,486	161	160	169	166	169	172	173	179	174	167	168	169	169.0
New Jersey	11	1,202	164	154	166	173	176	177	163	178	169	165	166	165	168.3
Pennsylvania	55	2,824	158	154	169	163	174	178	175	185	168	170	169	168	169.4
District C, total	172	11,003	153	148	168	164	171	174	172	177	169	162	163	166	166.0
Michigan	27	1,661	139	137	144	160	160	157	161	155	157	144	141	155	151.2
Ohio	41	2,577	163	159	179	170	186	187	185	191	182	177	179	176	178.2
Indiana	13	1,417	155	152	176	169	181	178	176	181	173	167	164	163	170.0
Illinois	40	2,015	142	142	175	155	159	172	158	177	160	159	165	162	160.8
Wisconsin	51	3,333	157	146	165	164	168	173	174	176	167	159	161	168	165.4

TABLE 4.---AVERAGE MAN-HOURS PER WAGE EARNER, BY MONTHS, BY DISTRICTS AND STATES AND BY SIZE CLASSES,
FOR SELECTED ESTABLISHMENTS IN 171 INDUSTRIES: 1939---Continued

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District, State, and class	Estab- lish- ments	Wage earners (average for year)	Monthly average hours per wage earner													For year
			Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.		
MALT LIQUORS---Continued																
District D, total	31	5,367	183	178	187	182	188	191	189	193	186	183	182	182	185.7	
Minnesota	13	1,539	176	165	181	169	173	182	177	188	170	176	177	171	175.8	
South Dakota, Iowa, and Missouri	4/13	3,562	186	184	190	188	196	195	196	196	194	187	186	187	190.7	
Nebraska	5	266	173	169	171	170	170	190	182	173	185	178	158	173	174.7	
District E, total	24	2,060	153	159	167	161	162	180	170	174	173	162	162	167	166.1	
Delaware and Maryland	5/9	1,002	143	156	153	156	151	172	167	169	163	153	161	158	158.8	
District of Columbia, Virginia, and North Carolina	6/4	144	171	156	178	158	186	186	181	195	171	174	170	179	175.9	
West Virginia and Kentucky	7/8	771	158	159	180	164	169	187	167	173	183	165	157	171	169.7	
Tennessee	3	143	175	177	184	182	186	197	198	193	195	190	182	187	187.7	
District F, total	16	1,269	172	172	201	183	192	201	183	204	186	181	198	188	188.9	
Georgia and Florida	8/5	201	182	175	192	176	189	200	188	201	188	184	193	185	188.0	
Louisiana, Oklahoma, and Texas	9/11	1,068	170	171	203	185	193	201	182	205	186	180	199	189	189.1	
District G, total	58	2,891	160	157	175	169	175	174	169	179	162	170	163	161	168.3	
Montana	8	145	168	153	197	163	177	178	164	171	171	155	158	157	167.7	
Idaho and Wyoming	10/7	98	158	144	169	160	173	185	184	185	161	186	163	170	170.9	
Colorado	4	204	150	144	157	158	167	174	170	165	163	161	157	160	160.9	
Utah, Nevada, and Arizona	11/4	88	132	132	158	128	169	176	174	195	195	162	145	166	162.3	
Washington and Oregon	12/15	585	154	150	172	165	178	175	164	184	160	156	164	162	165.8	
California	20	1,771	165	163	178	175	174	173	170	178	161	176	165	161	170.1	
By size of plant																
1 to 20 wage earners	123	1,536	152	149	161	159	163	171	171	171	171	160	157	164	162.9	
21 to 100	233	11,178	153	149	167	161	170	175	171	179	167	164	165	165	165.8	
101 to 500	70	14,447	161	158	174	170	175	178	176	182	173	169	168	170	171.9	
501 to 2,500	4	4,103	185	180	189	185	190	193	186	191	185	184	186	185	186.7	

For footnotes on the Malt Liquor industry, see page 20.

CIGARS															
Total for man-hour tabulations	1/388	1/45,355	119	127	151	137	150	158	139	158	155	162	155	119	144.5
The North (Districts A, B, C, and D)	317	31,565	115	122	148	135	149	160	141	162	156	163	156	117	143.9
The South (Districts E and F)	58	13,077	128	137	157	141	153	154	132	149	154	160	154	125	145.6
The West (District G)	13	713	144	144	153	147	148	151	147	151	150	152	151	146	148.6
By districts and States															
District A, total	39	1,153	125	117	148	125	146	163	143	150	148	144	158	152	143.6
Maine, New Hampshire, and Massachusetts	2/15	743	110	101	139	117	139	155	133	140	141	132	151	150	134.4
Rhode Island and Connecticut	3/24	410	150	148	166	140	158	177	162	169	162	166	171	156	160.2
District B, total	174	25,511	115	122	149	136	149	159	140	160	156	164	152	115	143.5
New York	59	1,763	112	130	152	133	139	154	129	152	150	151	155	131	141.5
New Jersey	27	8,731	108	120	150	133	156	157	147	155	151	168	156	103	142.4
Pennsylvania	88	15,017	120	123	148	137	146	161	137	165	160	164	149	119	144.3
District C, total	90	4,499	110	118	142	129	150	166	147	172	153	163	173	112	144.8
Michigan and Ohio	4/36	2,874	115	116	138	129	148	173	147	169	154	163	172	109	144.6
Indiana	7	1,282	89	116	148	124	154	156	147	182	151	166	181	109	144.0
Illinois	27	214	142	139	154	147	147	150	143	151	148	148	150	145	147.1
Wisconsin	20	129	145	144	147	143	147	153	154	159	164	158	157	165	152.9
District D---Minnesota, Iowa, and Missouri	5/14	402	172	163	171	167	170	168	167	162	168	167	166	159	166.6
District E---Md., W. Va., Va., N. C., Ky., Tenn.	6/16	3,207	134	142	164	139	157	155	130	118	144	151	136	116	140.6
District F, total	42	9,870	125	135	154	142	152	153	133	158	157	163	159	128	147.2
South Carolina, Georgia, and Florida	7/35	8,660	119	132	151	138	147	150	128	155	154	161	157	124	143.6
Louisiana	7	1,210	166	162	181	166	183	180	167	182	174	176	172	157	172.3
District G---Utah, Oregon, and California	8/13	713	144	144	153	147	148	151	147	151	150	152	151	146	148.6
By size of plant															
1 to 20 wage earners	213	1,439	133	138	148	138	146	154	140	151	145	146	145	141	143.9
21 to 100	91	4,372	139	137	150	142	149	152	142	156	151	154	155	135	147.1
101 to 500	61	15,954	116	125	146	136	148	161	146	161	156	163	157	120	144.9
501 and over	9/23	23,590	117	125	154	136	153	157	133	156	156	164	154	115	143.7

For footnotes on the Cigar industry, see page 20.

CIGARETTES															
Total for man-hour tabulations	1/35	1/27,426	150	135	155	134	159	158	147	175	149	153	137	140	149.4
The North (First 2 groups of States below)	19	5,315	158	147	173	158	172	164	172	185	166	173	152	142	163.6
The South (3rd and 4th lines)	16	22,111	148	132	150	128	156	156	141	173	144	149	134	139	146.0
By districts and States															
New York	10	147	169	157	175	173	174	173	168	169	168	184	173	160	170.4
Mass., N. J., Pa., Ky., and Calif.	2/9	5,168	158	147	173	158	172	164	172	186	166	172	151	142	163.4
Virginia	6	6,736	159	145	172	139	172	182	152	175	151	163	160	131	158.3
North Carolina	10	15,375	144	127	141	124	150	145	136	172	141	143	123	142	140.6

TABLE 4.—AVERAGE MAN-HOURS PER WAGE EARNER, BY MONTHS, BY DISTRICTS AND STATES AND BY SIZE CLASSES,
FOR SELECTED ESTABLISHMENTS IN 171 INDUSTRIES: 1939—Continued

District, State, and class	Estab- lish- ments	Wage earners (average for year)	Monthly average hours per wage earner												For year
			Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	

CIGARETTES—Continued

By size of plant ^{3/}															
1 to 20 wage earners	10	46	166	164	172	171	169	170	163	168	168	170	168	168	168.1
21 to 100	4	161	171	153	178	163	172	173	175	192	170	173	162	149	169.1
101 to 500	3	713	168	146	168	168	186	184	201	199	207	194	170	161	179.4
501 and over	4/18	26,506	149	135	154	133	159	157	145	174	147	152	136	139	148.5

For footnotes on the Cigarette industry, see page 21.

TOBACCO (CHEWING AND SMOKING) AND SNUFF

Total for man-hour tabulations	1/30	1,878,784	144	136	155	139	158	157	140	165	145	158	150	136	148.7
The North (Districts A, B, and C)	60	4,476	139	132	151	135	158	154	147	167	144	158	147	136	147.2
The South (District D)	30	4,308	150	141	160	144	158	161	133	163	146	159	152	136	150.2

By districts and States

District A—Massachusetts and Connecticut	2/4	22	200	186	222	168	166	188	193	168	163	162	189	165	181.6
District B, total	26	793	161	150	174	153	169	169	154	172	159	160	162	159	161.8
New York and New Jersey	3/9	352	164	145	179	157	172	169	155	173	159	161	157	157	162.3
Pennsylvania	17	441	159	154	169	150	165	169	154	172	159	159	166	161	161.5
District C, total	30	3,661	134	128	145	131	155	151	146	166	141	157	144	130	143.9
Ohio	10	1,240	129	118	143	115	147	160	160	170	140	155	140	135	142.8
Mich., Ill., Wis., Iowa, Mo., and Calif.	4/20	2,421	137	132	146	139	159	146	138	163	141	158	145	128	144.4
District D, total	30	4,308	150	141	160	144	158	161	133	163	146	159	152	136	150.2
Delaware, West Virginia, Virginia, North Carolina	5/9	2,328	141	134	154	140	154	152	122	157	139	153	143	121	142.5
Kentucky, Tennessee, and Texas	6/21	1,980	161	149	168	149	164	171	146	170	155	167	161	151	159.2

By size of plant

1 to 20 wage earners	47	258	160	155	172	165	161	163	168	167	162	159	159	159	162.7
21 to 100	22	914	153	146	161	146	156	154	146	165	158	161	160	150	154.8
101 to 500	17	3,909	156	146	166	152	162	166	143	169	150	164	155	149	156.5
501 to 2,500	4	3,703	130	122	142	124	154	148	134	160	135	152	140	116	138.0

For footnotes on the Tobacco (Chewing and Smoking) and Snuff industry, see page 21.

COTTON YARN

Total for man-hour tabulations	1/281	1,662,270	153	149	164	150	157	156	147	161	159	160	163	153	156.0
The North (Districts A and B)	40	7,229	157	152	173	161	150	150	132	164	162	158	165	159	157.3
The South (Districts C and D)	241	55,041	152	148	163	148	158	157	149	160	159	160	163	152	155.9

By districts and States

District A, total	21	6,071	160	153	175	162	150	151	127	163	161	157	166	158	157.5
Maine, New Hampshire, Rhode Island, and Connecticut	2/8	1,387	168	160	158	145	141	147	137	170	166	171	179	158	159.0
Massachusetts	13	4,684	157	151	179	166	152	152	124	161	160	153	163	158	157.0
District B, total	19	1,158	141	148	163	156	148	146	154	166	167	164	157	163	156.2
New York, New Jersey, and Illinois	3/14	933	136	144	154	156	140	149	157	162	169	164	153	165	154.2
Pennsylvania	5	225	159	167	195	159	179	137	140	185	157	163	179	157	164.7
District C, total	170	34,359	152	149	163	148	159	158	151	164	158	161	168	150	156.9
North Carolina	161	32,274	151	148	162	147	158	158	151	164	158	161	167	151	156.5
Maryland, Kentucky, and Tennessee	4/9	2,085	173	152	183	155	176	163	150	164	160	165	180	133	162.7
District D, total	71	20,682	152	147	163	149	157	154	145	155	159	158	156	155	154.2
South Carolina	15	4,140	167	151	168	163	173	160	161	152	167	161	163	161	162.3
Georgia	35	11,597	151	148	164	148	151	154	140	154	159	160	154	155	153.2
Alabama and Mississippi	5/21	4,945	142	144	155	140	156	148	142	160	152	153	155	151	149.9

By size of plant

1 to 20 wage earners	15	128	156	144	158	151	187	165	172	162	163	162	144	164	158.4
21 to 100	57	3,605	147	150	167	150	158	160	146	158	161	156	165	155	156.4
101 to 500	185	38,916	150	147	162	149	156	154	148	162	158	159	162	154	155.2
501 to 2,500	24	19,621	159	151	169	152	159	160	144	159	161	162	165	149	157.5

For footnotes on the Cotton Yarn industry, see page 22.

COTTON THREAD

Total for man-hour tabulations	1/50	1,112,635	153	156	181	155	154	156	138	148	152	158	158	152	155.2
The North (Districts A and B)	41	10,086	154	156	181	155	149	157	138	142	151	158	154	156	154.4
The South (District C)	9	2,549	151	154	180	158	174	148	141	172	154	156	174	137	158.4

By districts and States

District A, total	20	7,905	157	160	183	157	151	159	141	145	155	160	159	155	157.0
Massachusetts	11	2,804	168	163	183	159	152	171	145	169	167	167	171	162	164.7
Rhode Island and Connecticut	2/9	5,101	152	158	183	157	150	152	139	132	149	156	152	151	152.8
District B, total	21	2,181	141	141	176	144	144	153	127	131	137	151	136	159	145.0
New York, New Jersey, and Pennsylvania	3/16	1,859	143	144	184	148	149	160	128	129	138	151	134	165	147.7
Michigan, Ohio, Indiana, and Illinois	4/5	322	131	125	137	122	111	110	114	147	128	152	147	123	129.6
District C, total	9	2,549	151	154	180	158	174	148	141	172	154	156	174	137	158.4
Maryland, North Carolina, Kentucky, and Tennessee	5/6	1,348	147	150	176	148	178	151	145	174	150	150	170	129	155.6
Georgia	3	1,201	155	159	184	168	169	145	135	171	157	163	179	145	161.5

TABLE 4.---AVERAGE MAN-HOURS PER WAGE EARNER, BY MONTHS, BY DISTRICTS AND STATES AND BY SIZE CLASSES,
FOR SELECTED ESTABLISHMENTS IN 171 INDUSTRIES: 1939---Continued

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District, State, and class	Estab-lish-ments	Wage earners (average for year)	Monthly average hours per wage earner												
			Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	For year
COTTON THREAD---Continued															
By size of plant															
1 to 20 wage earners	16	118	155	152	173	153	157	159	156	159	158	161	154	144	156.7
21 to 100	17	895	152	152	156	152	153	144	152	162	158	163	162	159	155.6
101 to 500	10	1,767	149	153	180	150	155	143	147	174	160	158	169	143	157.0
501 and over	6/7	9,855	154	156	184	156	154	159	136	143	149	157	156	153	154.8

For footnotes on the Cotton Thread industry, see page 22.

COTTON BROAD WOVEN GOODS																
Total for man-hour tabulations	1/576	1/297,778	157	151	167	152	160	159	146	163	160	163	163	154	158.0	
The North (Districts A, B, and C)	164	63,273	156	152	176	150	161	163	148	172	159	164	166	159	160.3	
The South (Districts D, E, and F)	412	234,505	157	150	164	153	160	158	145	161	161	163	163	153	157.3	
<u>By districts and States</u>																
District A, total	98	55,312	157	153	177	150	162	163	148	173	157	164	166	158	160.7	
Maine, New Hampshire, and Vermont	2/16	15,816	162	151	173	142	152	158	144	161	156	175	156	159	157.6	
Massachusetts	51	27,418	157	152	183	153	168	164	152	176	158	160	171	159	162.7	
Rhode Island	16	7,304	144	158	164	143	169	164	140	185	150	153	166	149	157.2	
Connecticut	15	4,774	155	154	177	169	157	166	154	174	164	163	174	164	164.3	
District B, total	55	6,890	152	144	167	149	148	161	147	163	171	162	160	165	158.0	
New York	7	3,298	156	140	173	150	141	161	142	155	182	158	147	171	156.7	
New Jersey	13	889	155	146	171	151	154	169	154	175	160	165	173	170	162.2	
Pennsylvania	35	2,703	148	147	158	146	156	159	150	171	161	165	173	156	158.1	
District C---Ind., Ill., Wis., Mo., and Calif. 3/11	1,071	151	145	168	149	159	168	154	169	157	176	158	152	158.5		
District D, total	141	84,799	154	148	159	152	156	152	148	159	157	165	161	149	155.1	
Delaware, Maryland, Virginia, and Kentucky	4/17	13,887	146	135	138	148	137	137	155	149	149	176	153	128	146.0	
North Carolina	119	66,623	155	151	163	153	159	154	147	161	159	162	162	153	156.7	
Tennessee	5	4,289	160	153	162	155	167	162	152	167	154	165	163	162	160.2	
District E, total	256	145,266	159	151	167	153	161	161	143	162	162	161	164	155	158.3	
South Carolina	127	68,073	157	149	167	151	160	162	139	159	156	159	158	161	153	156.1
Georgia	71	45,544	164	154	169	156	164	162	150	170	164	166	169	158	162.2	
Alabama	44	26,425	153	151	163	153	160	154	141	162	166	159	162	155	156.6	
Mississippi	9	2,629	162	148	166	139	152	154	148	149	161	172	162	146	155.3	
Louisiana, Arkansas, and Oklahoma	5/5	2,595	160	151	174	159	178	165	165	182	169	176	174	169	168.5	
District F---Texas	15	4,440	168	162	172	155	173	171	157	179	177	177	171	157	168.2	
<u>By size of plant</u>																
1 to 20 wage earners	27	274	145	153	180	155	161	170	165	166	176	169	163	172	164.9	
21 to 100	63	3,208	148	143	154	149	151	157	148	159	152	162	166	167	155.3	
101 to 500	293	85,744	156	150	166	152	160	161	146	163	162	163	163	154	158.1	
501 to 2,500	188	181,583	158	151	169	151	162	154	144	166	161	163	165	155	158.9	
2,501 and over	5	26,969	154	150	152	158	149	142	154	149	149	166	156	145	152.0	

For footnotes on the Cotton Broad Woven Goods industry, see page 23.

COTTON NARROW FABRICS															
Total for man-hour tabulations	1/118	1/10,957	158	159	176	160	163	166	151	168	173	167	165	167	164.4
The North (Districts A, B, and C)	106	10,125	157	159	176	160	161	167	153	168	172	167	165	168	164.4
The South (District D)	12	832	169	158	173	162	183	160	138	164	176	164	167	164	165.0
<u>By districts and States</u>															
District A, total	65	7,211	159	160	176	161	161	166	152	166	175	166	165	170	164.9
New Hampshire	6	240	158	159	165	177	163	162	176	159	182	168	158	183	167.7
Massachusetts	24	2,204	162	167	180	171	165	165	156	171	175	169	173	175	169.2
Rhode Island	27	3,604	157	158	171	158	159	167	149	164	173	163	159	170	162.3
Connecticut	8	1,163	157	156	185	149	160	167	149	165	183	170	171	158	164.3
District B, total	29	2,064	153	156	175	161	162	168	156	177	163	168	169	163	164.3
New York	10	557	159	159	187	161	170	176	177	199	166	172	176	167	172.0
New Jersey	5	136	162	162	182	169	176	171	150	166	159	165	161	127	161.8
Pennsylvania	14	1,371	150	154	169	160	158	165	149	170	162	166	167	165	161.4
District C, total	12	850	158	153	176	148	159	169	149	162	171	170	152	154	160.0
Ohio	3	98	152	155	186	162	157	179	150	170	177	179	201	170	170.3
Michigan, Indiana, Missouri, and California	2/5	419	158	158	182	155	167	176	158	153	178	166	154	161	163.9
Illinois	4	333	158	147	167	135	149	157	135	172	162	171	136	139	152.2
District D, total	12	832	169	158	173	162	183	160	138	164	176	164	167	164	165.0
North Carolina	7	360	157	152	176	153	166	165	147	176	169	172	167	158	163.4
Maryland, Kentucky, South Carolina, and Georgia	2/5	472	179	162	171	169	196	157	132	155	182	158	167	169	166.2
<u>By size of plant</u>															
1 to 20 wage earners	35	376	157	159	168	169	165	163	166	165	166	171	164	173	165.7
21 to 100	49	2,741	155	156	170	161	160	161	154	164	175	169	162	165	162.7
101 to 2,500	4/34	7,840	159	160	178	159	164	168	150	170	172	166	166	168	165.0

For footnotes on the Cotton Narrow Fabrics industry, see page 23.

FOR SELECTED ESTABLISHMENTS IN 171 INDUSTRIES: 1939--Continued

District, State, and class	Estab- lish- ments	Wage earners (average for year)	Monthly average hours per wage earner													For year
			Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.		
DYEING AND FINISHING OF COTTON TEXTILES (RAW STOCK, YARN, AND FABRIC) ^{1/}																
Total for man-hour tabulations	1/186	1/37,188	166	166	187	169	166	167	155	174	175	170	173	166	169.8	
The North (Districts A, B, and C)	145	25,512	166	164	186	166	164	167	152	176	175	171	173	169	169.3	
The South (Districts D and E)	41	11,676	167	170	187	175	171	169	161	172	175	167	174	160	170.8	
<u>By districts and States</u>																
District A, total	63	16,693	171	168	190	172	165	169	159	179	180	174	174	170	172.7	
Maine and New Hampshire	2/3	1,256	184	172	192	162	182	180	163	208	181	192	195	168	181.7	
Massachusetts	25	8,110	164	162	189	171	164	164	159	174	177	173	168	164	169.2	
Rhode Island	26	5,877	175	175	190	179	170	179	164	183	191	173	179	181	178.3	
Connecticut	9	1,450	180	167	192	154	145	148	130	168	152	168	169	162	162.0	
District B, total	71	7,834	156	158	181	156	159	162	139	170	165	166	173	166	162.8	
New York	21	2,067	161	158	171	164	159	160	145	174	176	167	176	174	165.7	
New Jersey	31	3,697	151	153	187	151	155	155	131	165	157	166	170	160	158.7	
Pennsylvania	19	2,070	158	167	180	156	168	176	147	174	171	165	173	170	167.2	
District C, total	11	985	161	152	169	160	170	169	157	167	169	166	163	164	164.0	
Ohio and Indiana	3/4	465	165	165	170	166	170	168	166	170	168	170	167	167	167.9	
Illinois, Missouri, and California	4/7	520	157	142	169	156	170	169	149	163	170	163	159	161	160.6	
District D, total	23	4,817	169	165	186	164	169	170	160	178	167	168	175	156	168.7	
Delaware, Maryland, West Virginia, and Virginia	5/6	1,773	170	164	176	158	156	158	146	167	156	165	164	160	161.9	
North Carolina	10	1,312	157	160	177	163	169	174	171	167	173	162	169	153	166.3	
Kentucky and Tennessee	6/7	1,732	175	170	203	170	181	179	164	196	173	175	190	154	177.5	
District E---South Carolina, Georgia, Alabama	7/18	6,859	167	174	187	183	173	168	162	167	182	166	173	163	172.2	
<u>By size of plant</u>																
1 to 20 wage earners	37	381	155	155	171	156	152	154	161	164	171	173	171	166	162.5	
21 to 100	52	2,941	166	166	188	169	164	177	155	171	182	176	176	176	172.3	
101 to 500	79	18,776	163	162	183	164	163	165	154	175	170	166	171	163	166.6	
501 to 2,500	18	15,090	171	171	191	176	171	169	157	175	181	174	175	168	173.4	

For footnotes on the Dyeing and Finishing of Cotton Textiles industry, see page 24.

SHADE CLOTH AND MISCELLANEOUS SPECIAL FINISHING OF COTTON FABRIC ^{1/}															
Total for man-hour tabulations	<u>1/28</u>	<u>1/1,008</u>	165	167	186	166	185	177	162	192	172	184	177	164	174.6
Shade cloth	8	537	181	176	195	178	195	189	166	195	169	194	185	168	182.7
Miscellaneous special finishing of cotton fabric	20	471	149	156	176	153	173	164	157	188	175	170	167	158	165.5
<u>By districts and States</u>															
District A---Massachusetts and Rhode Island	<u>2/4</u>	250	153	158	188	156	183	165	148	195	165	162	178	160	167.7
District B, total	<u>16</u>	385	164	166	180	162	180	177	162	189	190	193	168	151	173.5
New York	9	242	185	178	199	177	194	185	160	196	194	204	176	149	182.9
New Jersey and Pennsylvania	<u>3/7</u>	143	133	147	150	137	157	163	167	179	183	172	154	155	157.7
District C---Ohio, Ind., Ill., Mo., and Calif.	<u>4/8</u>	373	175	173	190	178	190	186	170	192	158	187	186	180	180.4
<u>By size of plant</u>															
1 to 20 wage earners	18	144	152	152	170	159	155	156	154	159	178	174	156	158	160.4
21 to 100	6	253	146	153	166	151	163	175	168	187	175	172	158	170	165.2
101 to 500	4	611	177	176	198	175	201	183	161	202	169	191	190	163	181.9

For footnotes on the Shade Cloth and Miscellaneous Special Finishing of Cotton Fabric industry, see page 24.

BATTING, PADDING, AND WADDING; UPHOLSTERY FILLING																
Total for man-hour tabulations	1/79	1/3,785	154	154	164	162	160	155	152	167	175	168	164	163	161.8	
The North (Districts A, B, and C)	55	2,905	152	152	162	161	156	145	146	164	174	164	164	163	159.1	
The South (District D)	17	623	164	164	190	173	191	201	175	196	189	186	167	168	179.6	
The West (District E)	7	257	155	150	125	145	143	167	153	133	154	171	152	151	150.1	
By districts and States																
District A---Massachusetts and Rhode Island	2/10	338	152	161	159	192	153	148	175	172	201	187	169	178	170.8	
District B, total	14	446	157	161	184	166	175	174	167	175	186	173	186	178	173.7	
New York	10	232	157	166	174	169	164	173	168	179	186	177	179	171	172.0	
New Jersey and Pennsylvania	3/4	214	156	156	195	163	188	175	167	172	186	169	192	184	175.6	
District C, total	31	2,121	151	149	159	155	152	138	136	160	167	159	159	158	154.1	
Michigan	9	992	137	134	155	142	145	128	118	160	164	152	155	151	146.3	
Ohio, Indiana, Illinois, Missouri, and Minnesota	4/15	1,023	164	161	162	162	156	145	147	157	169	166	161	164	159.8	
Wisconsin	7	106	174	165	165	184	172	163	160	182	196	177	168	174	172.7	
District D, total	17	623	164	164	190	173	191	201	175	196	189	186	167	168	179.6	
Md., N. C., Tenn., S. C., and Ga.	5/9	483	165	161	190	169	196	204	175	197	183	182	156	160	176.3	
Florida, Louisiana, and Texas	6/8	140	164	173	189	186	176	190	175	193	207	203	215	201	191.0	
District E---California	7	257	155	150	125	145	143	167	153	133	154	171	152	151	150.1	
By size of plant																
1 to 20 wage earners	45	426	157	159	162	165	157	163	156	167	187	170	170	170	165.5	
21 to 100	21	958	153	154	170	160	157	155	154	172	168	168	169	173	163.6	
101 to 500	13	2,401	154	152	161	162	162	153	150	165	175	168	161	158	160.5	

For footnotes on the Batting, Padding, Wadding, and Upholstery Filling industry, see page 25.

TABLE 4.---AVERAGE MAN-HOURS PER WAGE EARNER, BY MONTHS, BY DISTRICTS AND STATES AND BY SIZE CLASSES,
FOR SELECTED ESTABLISHMENTS IN 171 INDUSTRIES: 1939---Continued

District, State, and class	Estab- lish- ments	Wage earners (average for year)	Monthly average hours per wage earner												For year
			Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	
PROCESSED COTTON WASTE---REGULAR FACTORIES ^{1/}															
Total for man-hour tabulations	1/39	1/1,522	163	158	161	151	157	153	151	163	162	162	161	162	158.8
The North (Districts A and B)	26	748	165	160	167	152	160	159	157	169	168	172	171	166	164.0
The South (District C)	13	774	160	155	153	150	154	147	146	157	156	155	153	159	153.8
<u>By districts and States</u>															
District A, total	16	515	165	156	164	149	155	160	160	165	167	170	162	165	161.6
Massachusetts, Rhode Island, and Connecticut	2/4	85	144	143	145	139	134	146	140	141	140	145	143	149	142.3
New Jersey and Pennsylvania	3/12	430	169	159	168	150	159	163	164	170	172	175	165	168	165.4
District B, total	10	233	166	170	175	158	173	156	151	177	170	176	191	168	169.5
Michigan, Ohio, Indiana, Illinois, and Wisconsin	4/7	148	159	168	171	151	169	141	135	173	168	174	204	166	165.3
Minnesota and Missouri	5/3	85	178	174	185	174	180	180	174	183	174	180	171	172	176.9
District C, total	13	774	160	155	153	150	154	147	146	157	156	155	153	159	153.8
Maryland, North Carolina, and Tennessee	6/6	138	166	164	164	143	169	147	143	174	180	158	157	168	161.2
South Carolina, Georgia, Alabama, and Texas	7/7	636	159	153	150	152	151	147	147	153	151	154	152	157	152.2
<u>By size of plant</u>															
1 to 20 wage earners	16	154	152	140	153	144	143	144	149	156	168	169	159	155	153.6
21 to 500	8/23	1,368	164	160	161	152	158	154	152	163	161	162	162	163	159.4
For footnote on the Regular-Factory Processed Cotton Waste industry, see page 25.															

For footnotes on the Regular-Factory Processed Cotton Waste industry, see page 25.

WOOLEN AND WORSTED MANUFACTURES---CONTRACT FACTORIES															
Total for man-hour tabulations	1/57	1/5,301	156	147	164	158	158	167	168	159	172	161	166	155	161.0
By districts and States															
District A, total	36	4,446	162	147	164	161	157	168	172	163	176	162	168	156	162.9
Maine and New Hampshire	2/3	242	151	156	142	207	152	184	165	167	133	132	140	166	155.4
Massachusetts	24	2,853	162	143	157	158	154	160	178	161	187	165	171	153	162.8
Rhode Island	9	1,351	163	155	180	161	163	183	160	165	159	160	165	162	164.6
District B, total	16	752	127	143	170	140	157	157	149	141	156	158	156	144	149.3
New York and New Jersey	3/6	165	148	149	185	153	159	169	155	184	151	179	163	162	163.4
Pennsylvania	10	587	122	141	166	135	157	153	147	128	157	150	154	140	145.3
District C---Ohio, Wisconsin, and California	4/5	103	148	161	160	172	194	188	152	156	164	168	163	158	163.9
By size of plant															
1 to 20 wage earners	18	230	145	132	137	116	139	159	149	148	145	143	159	141	144.4
21 to 100	25	1,398	144	154	163	171	154	171	163	166	164	161	161	153	159.8
101 to 2,500	5/14	3,673	162	145	166	156	160	166	172	158	178	163	168	156	162.5

For footnotes on the Contract-Factory Woollen and Worsted Manufactures industry, see page 26.

WOOLEN AND WORSTED MANUFACTURES---REGULAR FACTORIES															
Total for man-hour tabulations	1/508	1/133,911	150	148	162	144	154	162	148	161	157	158	164	157	155.7
The North (Districts A, B, C, and D)	448	121,752	150	148	163	142	153	163	147	161	157	158	164	157	155.5
The South (Districts E and F)	42	10,195	151	152	153	156	160	155	155	162	163	162	156	159	157.1
The West (District G)	18	1,964	158	153	166	152	157	172	149	181	156	175	174	156	162.5
By districts and States															
District A, total	285	86,087	147	147	163	141	154	160	145	161	154	154	165	154	153.8
Maine	37	8,446	141	144	150	139	138	161	149	153	153	137	156	154	148.3
New Hampshire and Vermont	2/40	7,554	156	148	156	143	154	159	146	160	152	156	156	148	152.9
Massachusetts	96	41,946	147	145	164	140	156	160	143	162	152	156	165	154	153.9
Rhode Island	81	21,876	146	151	169	146	154	159	145	162	157	153	169	155	155.5
Connecticut	31	6,265	154	145	153	134	158	162	153	164	154	163	167	159	156.2
District B, total	121	28,379	156	151	164	143	153	170	151	159	160	166	164	165	158.8
New York	28	6,798	153	148	164	150	161	167	148	158	157	171	171	166	159.9
New Jersey	14	10,617	157	159	172	133	151	179	147	148	159	158	161	164	157.7
Pennsylvania	79	10,964	157	146	156	146	150	162	158	169	164	172	163	165	159.2
District C, total	36	6,624	156	151	163	148	152	170	154	168	178	170	163	164	161.8
Michigan, Ohio, and Indiana	3/18	4,633	155	149	166	152	149	174	149	166	177	169	159	169	161.5
Illinois	7	1,037	156	150	142	120	155	153	162	170	164	165	159	143	153.4
Wisconsin	11	954	159	159	177	163	165	166	177	175	195	176	186	162	172.2
District D---Minnesota, Iowa, and Missouri	4/6	662	155	167	157	200	174	154	162	176	143	184	154	148	164.4
District E, total	36	7,485	148	146	150	147	155	156	148	164	159	163	150	159	153.9
Delaware, Maryland, West Virginia, and Kentucky	5/11	2,112	138	144	140	147	141	143	150	162	169	160	138	166	149.9
Virginia	10	1,454	164	159	167	155	174	171	156	173	164	170	162	158	164.5
North Carolina, South Carolina, and Texas	6/8	2,175	148	138	144	143	156	141	130	168	156	172	153	142	149.4
Tennessee	7	1,744	149	147	154	146	153	172	161	156	150	150	150	174	155.6
District F---Georgia	6	2,710	159	168	161	177	171	152	173	155	175	161	175	160	165.7
District G, total	18	1,964	158	153	166	152	157	172	149	181	156	175	174	156	162.5
Utah and New Mexico	7/4	111	150	146	162	166	154	136	147	158	171	162	157	150	155.2
Washington and Oregon	8/8	1,478	161	157	175	158	167	180	151	181	155	179	177	158	166.8
California	6	375	150	141	136	125	114	150	141	189	153	157	167	146	147.6

TABLE 4.---AVERAGE MAN-HOURS PER WAGE EARNER, BY MONTHS, BY DISTRICTS AND STATES AND BY SIZE CLASSES,
FOR SELECTED ESTABLISHMENTS IN 171 INDUSTRIES: 1939---Continued

District, State, and class	Estab-lish-ments	Wage earners (average for year)	Monthly average hours per wage earner												For year
			Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	

WOOLEN AND WORSTED MANUFACTURES---REGULAR FACTORIES---Continued

<u>By size of plant</u>															
1 to 20 wage earners	56	635	159	143	154	129	145	150	149	152	153	162	157	154	151.2
21 to 100	128	7,441	151	147	157	150	155	161	151	162	164	163	159	157	156.7
101 to 500	276	65,765	153	149	160	150	155	163	154	162	161	159	161	160	157.4
501 to 2,500	42	38,437	152	150	163	144	157	162	143	164	152	160	168	155	156.1
2,501 and over	6	21,633	136	144	170	118	145	162	138	155	151	151	165	152	149.7
For footnotes on the Regular-Factory Woollen and Worsted Manufactures industry, see page 27.															

DYEING AND FINISHING OF WOOLEN AND WORSTED

Total for man-hour tabulations	1/47	1/2,371	152	153	164	157	155	153	161	178	171	174	163	154	161.5
<u>By districts and States</u>															
District A---Mass., R. I., and Conn.	2/22	1,375	145	149	156	162	154	146	159	170	171	168	157	156	157.9
District B, total	20	899	164	160	180	151	157	163	165	190	174	187	175	155	168.7
New York and New Jersey	3/9	328	158	154	174	152	163	157	162	187	171	184	166	158	166.0
Pennsylvania	11	571	167	163	184	151	154	167	166	191	176	188	180	153	170.2
District C---Illinois and California	4/5	97	143	137	141	133	152	152	154	168	152	154	149	130	147.0
<u>By size of plant</u>															
1 to 20 wage earners	13	146	156	169	186	150	159	171	152	168	166	190	170	164	167.1
21 to 100	28	1,433	152	150	166	155	153	157	147	172	166	171	155	140	157.1
101 to 500	6	792	153	155	157	162	159	140	186	187	182	177	175	174	168.5
For footnotes on the Dyeing and Finishing of Woollen and Worsted industry, see page 27.															

SPONGING OF WOOLEN AND WORSTED ^{1/}

Total for man-hour tabulations	1/43	1/739	151	153	167	152	162	159	159	162	159	163	156	161	158.7
The North (Districts A and B)	40	684	150	153	166	152	161	158	160	161	159	161	156	161	158.2
The South (District C)	3	55	162	148	183	152	178	167	151	177	157	176	168	160	164.7
<u>By districts and States</u>															
District A, total	29	561	152	156	169	157	167	162	163	163	162	165	159	163	161.6
New York	21	395	160	162	175	170	178	167	171	169	170	172	159	168	168.3
Massachusetts, New Jersey, and Pennsylvania	2/8	166	134	138	155	130	145	152	143	148	144	148	159	153	145.8
District B---Ohio, Ill., Wis., Oreg., Calif.	3/11	123	142	136	152	133	135	140	146	148	145	147	141	150	142.9
District C---Maryland	3	55	162	148	183	152	178	167	151	177	157	176	168	160	164.7
<u>By size of plant</u>															
1 to 20 wage earners	30	291	160	153	168	152	164	165	157	160	161	163	160	161	160.3
21 to 100	13	448	145	152	167	153	160	155	160	163	158	162	154	161	157.7
For footnotes on the Spinging of Woollen and Worsted industry, see page 27.															

PROCESSED WASTE AND RECOVERED WOOL FIBERS---CONTRACT FACTORIES ^{1/}

Total for man-hour tabulations	1/24	1/573	162	167	155	150	169	172	171	180	182	177	157	165	167.5
Cotton branch of the industry	2/4	112	184	161	197	186	174	188	170	177	182	177	169	173	177.9
Wool (and rayon) branch of the industry	3/20	461	157	169	145	139	168	168	171	180	182	176	155	163	165.0
<u>By districts and States</u>															
N. H., Vt., Mass., R. I., and Conn.	4/19	420	168	178	174	152	173	176	173	186	191	180	169	165	174.2
New York, Pennsylvania, Delaware, and South Carolina	5/5	153	152	147	118	142	157	158	163	156	158	168	127	165	149.2
<u>By size of plant</u>															
1 to 20 wage earners	13	119	164	164	165	157	156	158	172	181	203	173	171	170	170.7
21 to 100	11	454	162	168	152	148	174	176	170	179	176	178	154	164	166.7
For footnotes on the Contract-Factory Processed Waste and Recovered Wool Fiber industry, see page 28.															

RECOVERED WOOL FIBERS---REGULAR FACTORIES ^{1/}

Total for man-hour tabulations	1/50	1/2,201	167	157	165	155	163	162	165	171	176	175	174	167	167.0
The North (Districts A, B, and C)	45	2,175	168	157	165	155	162	162	165	171	176	175	174	167	167.0
The South (District D)	5	26	144	141	173	156	181	170	183	168	162	164	167	189	169.1
<u>By districts and States</u>															
District A, total	26	992	177	171	183	175	168	184	182	194	194	181	181	170	180.2
Me., N. H., Vt., R. I., and Conn.	2/9	441	178	175	190	172	193	190	176	212	195	172	195	162	183.8
Massachusetts	17	551	177	168	178	177	149	180	187	179	193	188	169	178	177.4
District B, total	12	790	171	167	157	151	173	173	169	163	166	173	173	171	167.7
New York	7	615	170	164	154	148	169	166	169	156	161	173	171	171	164.7
New Jersey and Pennsylvania	3/5	175	173	180	169	160	184	200	171	188	186	175	180	172	178.2
District C---Ohio, Ill., Wis., and Minn.	4/7	393	140	97	136	116	127	105	111	134	149	160	158	147	132.3
District D---Maryland and Georgia	5/5	26	144	141	173	156	181	170	183	168	162	164	167	189	169.1
<u>By size of plant</u>															
1 to 20 wage earners	22	140	153	152	156	147	166	169	158	160	171	167	170	184	163.6
21 to 100	20	939	161	156	167	154	164	164	163	176	182	176	174	167	168.1
101 to 500	8	1,122	174	158	164	157	161	160	168	168	172	174	174	164	166.6
For footnotes on the Regular-Factory Recovered Wool Fiber industry, see page 28.															

TABLE 4.--AVERAGE MAN-HOURS PER WAGE EARNER, BY MONTHS, BY DISTRICTS AND STATES AND BY SIZE CLASSES,
FOR SELECTED ESTABLISHMENTS IN 171 INDUSTRIES: 1939--Continued

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District, State, and class	Estab- lish- ments	Wage earners (average for year)	Monthly average hours per wage earner												For year
			Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	
FELT GOODS, WOOL, HAIR, AND JUTE (EXCEPT WOVEN FELTS AND HAT BODIES AND HATS)															
Total for man-hour tabulations	1/37	1/3,346	165	158	176	160	170	172	161	184	166	185	176	164	170.1
The North (Districts A, B, and C)	34	3,127	164	158	175	159	170	172	161	184	166	185	176	164	169.6
The West (District D)	3	219	182	167	195	173	181	170	174	183	168	194	178	172	178.0
By districts and States															
District A---Mass., R. I., and Conn.	2/13	858	173	149	173	148	167	162	148	187	161	189	164	149	164.5
District B, total	11	1,074	155	153	180	164	171	169	163	189	164	184	173	161	168.9
New York and New Jersey	3/6	879	152	148	180	161	171	160	161	185	161	186	166	158	166.0
Pennsylvania	5	195	165	172	178	179	169	206	169	207	180	176	207	177	181.9
District C, total	10	1,195	166	168	171	162	171	182	168	178	171	182	188	177	173.9
Michigan and Wisconsin	4/5	606	159	161	173	157	163	177	156	171	156	177	169	172	167.9
Illinois	5	589	174	176	169	166	178	187	179	185	188	187	187	181	180.0
District D---California	3	219	182	167	195	173	181	170	174	183	168	194	178	172	178.0
By size of plant															
1 to 20 wage earners	14	145	165	168	184	166	160	168	148	175	169	180	186	187	171.8
21 to 100	10	610	169	161	181	173	173	176	166	189	174	190	191	176	176.8
101 to 500	13	2,591	164	157	174	156	170	171	161	184	164	184	172	160	168.5
For footnotes on the Felt Goods Industry, see page 28.															

For footnotes on the Felt Goods industry, see page 28.

WOOLEN AND WORSTED CARPET YARN, jointly with WOOL CARPETS AND RUGS															
Total for man-hour tabulations	47	27,197	148	150	177	142	142	152	123	169	151	161	169	145	152.6
Woolen and worsted carpet yarn industry	1/10	2,675	145	149	186	140	141	172	134	194	147	159	181	170	160.1
Wool carpets and rugs industry	2/37	24,522	148	150	176	142	142	149	122	166	151	161	167	143	151.8
By districts and States, jointly															
District A--N. H., Mass., and Conn.	3/7	3,604	149	147	172	136	135	127	103	147	139	159	154	133	142.3
District B, total	36	21,743	147	150	179	143	142	155	125	175	151	161	171	147	154.0
New York and New Jersey	4/15	15,457	144	148	177	143	140	151	118	171	149	158	171	140	151.2
Pennsylvania	21	6,286	155	153	182	142	146	165	143	183	157	166	172	163	160.8
District C--Ill., Minn., Va., and N. C.	5/4	1,850	154	152	170	148	156	158	133	150	168	170	165	153	156.4
By size of plant, jointly															
1 to 20 wage earners	8	100	165	150	175	169	143	160	168	156	175	142	136	140	153.6
21 to 100	7	485	152	162	184	167	162	148	142	176	145	166	180	164	163.0
101 to 500	19	5,050	152	154	187	147	158	163	135	184	161	172	176	157	162.5
501 to 2,500	9	8,004	153	154	172	150	144	159	142	168	162	164	163	164	158.1
2,501 and over	4	13,558	143	145	176	135	133	143	106	165	141	154	169	129	145.2

For footnotes on the Woolen and Worsted Carpet Yarn and the Wool Carpets and Rugs industries, see page 29.

RAYON THROWING AND SPINNING---CONTRACT FACTORIES 1/															
Total for man-hour tabulations	1/26	1/2,173	155	147	157	152	136	141	147	166	155	154	145	153	151.2
By districts and States															
Rhode Island, New York, New Jersey, and Maryland	2/9	352	154	157	171	156	142	137	163	186	150	160	161	160	159.3
Pennsylvania	17	1,821	155	146	155	151	135	141	144	162	155	153	141	152	149.6
By size of plant															
1 to 20 wage earners	5	40	117	117	121	111	96	131	126	153	115	143	152	148	127.2
21 to 100	13	717	152	156	161	160	143	148	167	163	160	162	163	160	158.4
101 to 500	8	1,416	158	144	156	147	134	137	139	168	153	151	135	150	148.3

For footnotes on the Contract-Factory Rayon Throwing and Spinning industry, see page 29.

RAYON YARN AND THREAD, SPUN OR THROWN---REGULAR FACTORIES															
Total for man-hour tabulations	1/43	1/5,638	160	151	162	139	144	154	156	167	153	159	157	150	154.6
The North (Districts A and B)	37	4,176	162	150	159	134	142	151	154	168	154	157	158	150	153.9
The South (District C)	6	1,462	151	153	171	155	149	159	161	163	149	164	154	151	156.7
By districts and States															
District A--Massachusetts and Rhode Island	2/6	645	158	139	162	146	161	155	147	160	152	149	152	140	151.2
District B, total	31	3,531	163	152	159	132	139	151	155	170	155	159	160	152	154.4
New York	9	373	169	162	158	155	145	152	148	145	157	172	151	168	157.8
New Jersey	9	590	153	149	156	139	131	157	144	149	160	158	151	156	150.5
Pennsylvania and California	3/13	2,568	165	151	160	127	140	149	159	177	153	157	163	149	154.7
District C--Virginia and North Carolina	4/6	1,462	151	153	171	155	149	159	161	163	149	164	154	151	156.7
By size of plant															
1 to 20 wage earners	6	65	148	150	174	153	148	132	137	163	174	159	163	172	156.7
21 to 100	21	1,036	159	160	159	149	139	164	147	157	156	163	156	162	156.5
101 to 2,500	5/16	4,537	160	149	162	137	145	152	158	169	152	158	157	147	154.1

For footnotes on the Regular-Factory Rayon Yarn and Thread industry, see page 29.

RAYON BROAD WOVEN GOODS---CONTRACT FACTORIES 1/															
Total for man-hour tabulations	1/62	1/3,656	151	152	161	157	157	163	154	153	153	151	152	158	155.0

TABLE 4.---AVERAGE MAN-HOURS PER WAGE EARNER, BY MONTHS, BY DISTRICTS AND STATES AND BY SIZE CLASSES,
FOR SELECTED ESTABLISHMENTS IN 171 INDUSTRIES: 1939---Continued

District, State, and class	Estab- lish- ments	Wage earners (average for year)	Monthly average hours per wage earner												For year
			Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	

RAYON BROAD WOVEN GOODS---CONTRACT FACTORIES ^{1/} ---Continued

<u>By districts and States</u>															
District A, total	14	951	164	162	170	170	168	177	165	158	147	159	157	164	162.7
Massachusetts	6	292	163	165	175	170	161	167	157	174	146	145	134	143	154.5
New Hampshire, Rhode Island, Connecticut, New York	2/8	659	164	161	168	170	170	181	170	149	149	168	171	177	166.4
District B, total	48	2,705	146	150	158	153	154	159	150	151	155	147	150	155	152.3
New Jersey	20	603	138	127	144	127	133	133	131	138	133	138	136	138	134.7
Pennsylvania and Virginia	3/28	2,102	148	156	162	161	160	166	155	154	162	150	155	160	157.4
<u>By size of plant</u>															
1 to 20 wage earners	14	197	138	132	140	144	156	147	138	142	128	144	148	150	142.5
21 to 100	39	2,118	150	151	157	156	154	161	149	153	156	148	150	154	153.2
101 to 500	9	1,341	154	159	169	160	162	168	164	154	152	155	157	164	159.7

For footnotes on the Contract-Factory Rayon Broad Woven Goods industry, see page 30.

RAYON BROAD WOVEN GOODS---REGULAR FACTORIES															
Total for man-hour tabulations	1/146	1/55,850	159	156	172	153	161	164	157	169	167	164	167	160	162.5
The North (Districts A and B)	96	30,168	157	154	178	149	161	163	152	169	164	161	166	163	161.4
The South (Districts C and D)	50	25,682	162	158	166	159	161	164	163	168	171	166	168	157	163.7
<u>By districts and States</u>															
District A, total	37	19,658	159	154	184	149	164	165	146	173	166	161	168	162	162.8
Maine and New Hampshire	2/4	2,872	163	163	183	146	156	177	152	167	175	166	155	177	165.2
Massachusetts	13	7,070	157	147	178	144	164	165	145	172	162	157	168	157	159.6
Rhode Island and Connecticut	3/20	9,716	159	158	189	155	166	162	145	176	166	162	172	161	164.4
District B, total	59	10,510	155	152	164	148	154	160	164	163	159	163	161	164	158.9
New York	5	638	164	161	191	165	166	190	131	187	180	182	170	175	171.8
New Jersey	20	1,647	154	146	154	144	153	166	146	158	154	162	152	167	154.7
Pennsylvania	34	8,225	154	153	164	147	153	156	169	162	159	161	162	162	158.8
District C, total	33	13,983	167	164	169	164	164	166	169	169	173	167	167	156	166.4
Virginia	10	3,109	172	168	171	169	168	165	175	170	167	169	182	160	169.8
North Carolina	23	10,874	165	163	168	163	163	166	167	169	176	167	163	155	165.4
District D---South Carolina, Georgia, Tennessee	4/17	11,699	156	151	162	153	158	162	155	166	169	165	168	159	160.4
<u>By size of plant</u>															
1 to 20 wage earners	9	136	145	133	154	145	148	136	151	149	152	147	145	149	146.2
21 to 100	28	1,388	151	146	163	157	164	159	157	164	165	161	156	159	159.0
101 to 500	71	17,375	161	156	168	156	164	164	166	165	168	169	170	166	164.4
501 and over	5/38	36,951	159	156	175	152	159	164	153	171	167	162	166	158	161.8

For footnotes on the Regular-Factory Rayon Broad Woven Goods industry, see page 30.

RAYON NARROW FABRICS															
Total for man-hour tabulations	1/73	1/4,632	156	164	169	158	162	163	161	165	169	166	168	163	164.0
The North (Districts A, B, and C)	63	3,601	156	165	170	158	161	162	161	164	170	166	168	162	163.8
The South (District D)	10	1,031	158	161	167	160	164	167	162	171	165	167	168	168	165.0
<u>By districts and States</u>															
District A, total	19	747	158	160	166	157	158	161	167	161	171	161	162	153	161.4
New Hampshire	5	90	168	167	193	169	165	189	157	159	183	163	172	167	170.9
Rhode Island	3	286	149	154	158	158	149	142	168	152	186	148	154	155	156.4
Massachusetts and Connecticut	2/11	371	162	162	167	154	163	169	169	169	157	172	166	148	163.1
District B, total	40	2,532	154	169	170	160	165	164	161	164	169	166	170	163	164.7
New York	13	291	148	155	161	159	155	158	150	147	172	163	161	166	157.7
New Jersey	12	563	149	165	181	156	159	164	162	165	169	162	162	149	162.0
Pennsylvania	15	1,678	157	173	168	161	168	165	163	166	168	167	174	167	166.8
District C---Ohio, Illinois, and California	3/4	322	161	153	175	145	142	152	147	172	176	181	171	175	161.7
District D, total	10	1,031	158	161	167	160	164	167	162	171	165	167	168	168	165.0
Maryland, Virginia, North Carolina, and Tennessee	4/7	708	157	161	170	160	165	169	162	174	166	169	170	170	166.3
South Carolina and Alabama	5/3	323	161	160	161	161	161	162	162	164	164	164	162	162	162.1
<u>By size of plant</u>															
1 to 20 wage earners	27	307	157	160	164	153	152	172	159	154	158	160	156	154	158.1
21 to 100	32	1,659	158	165	172	159	164	167	160	165	170	166	168	162	164.6
101 to 2,500	6/14	2,666	155	164	168	159	161	160	162	167	169	167	170	165	164.4

For footnotes on the Rayon Narrow Fabrics industry, see page 31.

DYEING AND FINISHING OF RAYON AND SILK TEXTILES (YARN AND FABRIC) ^{1/}															
Total for man-hour tabulations	1/161	1/16,706	161	160	172	152	159	156	152	168	163	164	160	154	160.1
The North (Districts A and B)	145	13,927	160	157	169	152	158	153	149	165	163	162	158	153	158.2
The South (District C)	12	2,705	166	177	184	155	166	173	163	182	161	174	171	161	169.3
The West (District D)	4	74	194	179	193	145	139	152	166	181	204	182	168	212	175.0

TABLE 4.---AVERAGE MAN-HOURS PER WAGE EARNER, BY MONTHS, BY DISTRICTS AND STATES AND BY SIZE CLASSES,
FOR SELECTED ESTABLISHMENTS IN 171 INDUSTRIES: 1939---Continued

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District, State, and class	Estab- lish- ments	Wage earners (average for year)	Monthly average hours per wage earner												For year
			Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	

DYEING AND FINISHING OF RAYON AND SILK TEXTILES (YARN AND FABRIC) 1/---Continued

By districts and States

District A, total	18	2,933	162	161	176	162	169	178	159	168	168	170	163	161	166.3
Massachusetts	6	313	153	147	176	170	181	172	190	197	179	189	191	182	177.1
Rhode Island	6	1,735	163	164	178	159	163	179	157	162	168	171	169	159	166.0
Connecticut	6	885	164	160	172	164	176	176	154	166	163	161	143	157	163.1
District B, total	127	10,994	159	155	167	149	156	147	147	165	161	160	156	151	156.1
New York	46	2,102	162	164	177	159	166	169	158	175	176	173	162	156	166.5
New Jersey	72	7,553	157	156	164	148	153	143	143	162	157	159	154	152	153.8
Pennsylvania	9	1,339	164	141	174	140	154	136	152	167	163	146	159	138	152.5
District C---Md., Va., N. C., and Tenn.	2/12	2,705	166	177	184	155	166	173	163	182	161	174	171	161	169.3
District D---Illinois and California	2/4	74	194	179	193	145	139	152	166	181	204	182	168	212	175.0

By size of plant

1 to 20 wage earners	46	493	153	151	175	156	158	160	147	165	161	151	153	159	157.4
21 to 100	60	3,086	164	150	163	149	154	152	145	166	163	162	153	151	156.0
101 to 2,500	4/55	13,127	160	162	174	153	161	157	154	169	163	165	162	155	161.2

For footnotes on the Dyeing and Finishing of Rayon and Silk Textiles industry, see page 31.

SILK THROWING AND SPINNING---CONTRACT FACTORIES 1/															
Total for man-hour tabulations	1/62	1/10,532	145	145	155	143	131	131	135	152	145	156	149	129	143.5
The North (First 2 groups of States below)	56	9,330	143	145	153	142	129	130	137	148	144	155	149	132	142.6
The South (3rd and 4th groups)	6	1,202	163	146	176	148	145	137	123	177	160	170	150	106	149.9

By districts and States

New York and New Jersey	2/11	1,342	146	150	146	164	136	126	162	141	162	156	149	166	150.6
Pennsylvania	45	7,988	142	144	154	139	128	131	133	150	141	154	149	126	141.3
North Carolina	3	684	172	154	183	140	133	138	121	190	157	174	154	115	152.2
Tennessee and South Carolina	3/3	518	154	136	167	159	162	135	124	157	163	164	145	92	147.0

By size of plant

1 to 20 wage earners	7	85	142	150	143	134	111	86	108	125	162	94	123	139	133.3
21 to 100	20	1,168	140	146	150	141	131	131	139	130	136	154	156	135	141.8
101 to 2,500	4/35	9,279	146	145	156	143	131	131	135	154	147	157	149	128	143.8

For footnotes on the Contract-Factory Silk Throwing and Spinning industry, see page 32.

SILK YARN AND THREAD, SPUN OR THROWN---REGULAR FACTORIES															
Total for man-hour tabulations	1/46	1/8,908	162	155	169	152	149	155	147	165	155	163	161	145	156.7
The North (Districts A and B)	40	8,163	162	155	170	151	148	154	147	166	154	164	161	143	156.2
The South (District C)	6	745	162	159	165	167	157	168	159	158	170	154	164	168	162.4

By districts and States

District A, total	11	1,735	163	161	185	159	168	162	150	173	162	173	180	149	165.3
Massachusetts	6	1,056	170	162	191	162	168	171	156	175	168	172	181	154	169.1
Connecticut	5	679	152	158	174	155	167	149	141	169	153	175	178	141	159.3
District B, total	29	6,428	162	153	166	148	143	151	146	164	152	161	156	141	153.8
Rhode Island, New York, and New Jersey	2/10	2,742	171	157	167	163	155	164	151	166	156	161	154	148	159.5
Pennsylvania, Indiana, Illinois, and California	3/19	3,686	156	151	165	139	134	141	141	163	149	162	157	135	149.5
District C---W. Va., Va., N. C., Ga., and Miss.	4/6	745	162	159	165	167	157	168	159	158	170	154	164	168	162.4

By size of plant

1 to 20 wage earners	4	40	149	146	155	155	150	146	139	152	148	166	165	163	153.4
21 to 100	17	1,120	153	156	170	154	133	151	152	165	164	148	155	155	154.6
101 to 500	21	4,696	159	156	172	153	153	153	144	164	155	165	166	142	157.1
501 to 2,500	4	3,052	170	154	165	150	148	158	152	168	151	164	157	144	157.0

For footnotes on the Regular-Factory Silk Yarn and Thread industry, see page 32.

SILK BROAD WOVEN GOODS---CONTRACT FACTORIES 1/															
Total for man-hour tabulations	1/25	1/800	150	156	157	164	137	148	154	156	162	155	151	154	153.5

By districts and States

District A---Massachusetts and Rhode Island	2/4	101	119	143	142	161	131	150	154	141	177	160	165	170	151.8
District B, total	21	699	155	157	159	164	138	148	154	158	159	154	149	152	153.8
New York and New Jersey	3/11	187	158	154	152	149	148	155	157	150	151	155	141	146	150.7
Pennsylvania and Virginia	4/10	512	154	158	162	169	135	145	153	161	162	153	153	154	154.9

By size of plant

1 to 20 wage earners	12	125	144	145	148	140	133	150	160	135	148	152	137	138	144.1
21 to 100	13	675	151	158	159	166	138	147	153	160	165	155	154	157	155.3

For footnotes on the Contract-Factory Silk Broad Woven Goods industry, see page 32.

SILK BROAD WOVEN GOODS---REGULAR FACTORIES															
Total for man-hour tabulations	1/59	1/7,475	151	149	161	148	151	155	149	166	153	160	160	149	154.4
The North (Districts A and B)	52	6,296	150	147	160	147	152	153	148	167	153	161	161	147	153.8
The South (District C)	7	1,179	155	157	164	154	150	165	158	163	153	156	155	160	157.4

By districts and States

District A---Mass., R. I., and Conn.	2/7	2,194	161	156	180	155	169	163	145	206	167	180	182	158	168.5
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TABLE 4.--AVERAGE MAN-HOURS PER WAGE EARNER, BY MONTHS, BY DISTRICTS AND STATES AND BY SIZE CLASSES,

FOR SELECTED ESTABLISHMENTS IN 171 INDUSTRIES: 1939--Continued

District, State, and class	Estab-lish-ments	Wage earners (average for year)	Monthly average hours per wage earner												
			Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	For year
SILK BROAD WOVEN GOODS---REGULAR FACTORIES---Continued															
District B, total	45	4,102	145	143	150	144	142	147	149	149	144	150	149	142	145.9
New York	6	452	171	163	160	154	177	175	160	175	154	167	159	151	163.2
New Jersey	21	1,051	127	139	155	134	143	145	130	138	147	158	136	126	140.1
Pennsylvania	18	2,599	146	140	147	146	135	143	155	149	140	143	152	146	145.3
District C--- Virginia and Tennessee	3/7	1,179	155	157	164	154	150	165	158	163	153	156	155	160	157.4
By size of plant															
1 to 20 wage earners	13	146	108	109	121	131	116	126	126	129	132	125	127	135	123.0
21 to 100	21	1,116	151	149	154	145	150	142	146	153	152	158	152	147	150.4
101 to 2,500	4/25	6,213	152	150	163	149	152	157	150	169	153	162	162	150	155.8
For footnotes on the Regular-Factory Silk Broad Woven Goods industry, see page 33.															

For footnotes on the Regular-Factory Silk Broad Woven Goods industry, see page 33.

SILK NARROW FABRICS															
Total for man-hour tabulations	1/73	1/3,945	157	153	170	155	160	161	156	168	160	165	162	157	160.4
The North (Districts A and B)	70	3,766	157	153	170	155	160	162	155	168	160	166	162	157	160.6
The South (District C)	3	179	157	154	162	156	158	152	161	154	160	157	158	154	156.8
By districts and States															
District A---Massachusetts and Connecticut	2/3	89	129	128	148	84	94	135	117	148	128	103	131	145	126.3
District B, total	67	3,677	158	154	171	157	161	162	156	169	161	167	163	158	161.4
New York	10	433	164	152	176	154	158	172	156	185	167	168	176	157	165.5
New Jersey	29	1,449	161	154	164	155	162	164	161	164	163	172	161	162	161.8
Pennsylvania and California	2/28	1,795	154	155	176	158	161	159	153	169	157	163	161	155	160.1
District C---Maryland and Virginia	4/3	179	157	154	162	156	158	152	161	154	160	157	158	154	156.8
By size of plant															
1 to 20 wage earners	21	220	159	100	160	158	161	166	160	165	160	149	149	158	156.9
21 to 100	41	1,995	150	152	167	150	154	161	156	163	161	165	166	160	158.8
101 to 500	11	1,730	166	156	175	161	166	162	155	174	159	168	159	154	162.8

For footnotes on the Silk Narrow Fabrics industry, see page 33.

HOSIERY, FULL-FASHIONED															
Total for man-hour tabulations	1/337	1/84,361	151	154	172	151	150	147	138	160	161	162	154	141	153.6
The North (Districts A, B, and C)	207	54,057	147	154	170	148	146	145	137	158	159	158	151	144	151.5
The South (Districts D and E)	126	29,691	160	156	175	156	159	152	139	165	164	168	160	136	157.5
The West (District F)	4	613	155	168	173	158	134	115	122	160	151	157	143	104	146.0
By districts and States															
District A---N. H., Mass., and R. I.	2/10	3,035	164	158	175	160	168	163	155	159	161	164	166	158	162.6
District B, total	179	39,778	143	153	170	143	144	143	135	156	158	155	148	143	149.5
New York	11	2,820	162	164	166	156	148	159	151	154	155	156	153	154	156.6
New Jersey	33	5,213	135	147	169	143	144	146	136	158	148	158	153	142	148.4
Pennsylvania	135	31,745	143	153	170	142	143	141	134	156	160	155	147	142	149.0
District C, total	18	11,244	153	155	170	163	149	146	140	166	161	167	154	142	155.6
Michigan and Ohio	2/4	692	160	155	179	157	180	178	136	185	171	179	162	133	164.1
Indiana, Illinois, Wisconsin, and Minnesota	4/14	10,552	153	155	170	164	147	144	140	164	161	166	154	143	155.0
District D, total	108	25,237	159	154	173	154	155	149	137	163	163	166	159	134	155.5
Delaware	6	205	163	166	167	164	163	166	167	169	173	166	166	177	167.6
Maryland	7	539	169	157	160	157	154	153	133	164	160	158	162	171	158.2
Virginia	19	2,538	167	152	169	154	170	162	140	179	167	169	170	145	162.2
North Carolina	58	18,336	159	156	177	155	153	146	136	163	166	167	157	131	155.5
Kentucky and Tennessee	5/18	3,619	150	147	157	148	156	152	136	153	146	159	160	135	149.9
District E, total	18	4,454	170	164	187	167	180	167	154	176	165	184	166	148	168.9
South Carolina and Georgia	6/10	2,007	170	165	188	166	180	169	139	175	163	178	165	146	166.9
Alabama, Mississippi, Louisiana, and Texas	7/8	2,447	170	164	187	168	180	165	167	176	167	188	167	150	170.5
District F---California	4	613	155	168	173	158	134	115	122	160	151	157	143	104	146.0
By size of plant															
1 to 20 wage earners	38	451	150	156	162	156	152	153	150	157	158	159	157	145	154.7
21 to 100	103	5,623	149	150	168	154	152	154	145	164	160	157	158	143	154.6
101 to 500	159	36,177	155	154	170	155	157	154	141	162	157	164	158	142	155.8
501 to 2,500	34	30,871	149	156	170	142	146	141	135	158	158	161	148	131	150.0
2,501 and over	3	11,239	148	154	185	162	141	137	131	161	178	162	153	157	155.7

For footnotes on the Full-Fashioned Hosiery industry, see page 34.

HOSIERY, SEAMLESS															
Total for man-hour tabulations	1/319	1/49,362	153	154	164	154	160	156	148	156	154	159	157	150	155.4
The North (Districts A, B, and C)	106	12,399	156	156	171	155	166	162	148	162	157	167	167	156	160.4
The South (Districts D and E)	213	36,963	152	153	162	153	158	154	148	154	153	156	154	148	153.7
By districts and States															
District A, total	12	1,344	160	160	176	160	164	159	147	169	169	169	178	159	164.2
New Hampshire and Vermont	2/7	491	144	148	174	160	173	159	145	174	158	158	176	132	159.4
Massachusetts and Connecticut	3/5	853	167	165	176	160	158	159	149	166	176	176	178	172	167.1

FOR SELECTED ESTABLISHMENTS IN 171 INDUSTRIES: 1939---Continued

District, State, and class	Estab-lish-ments	Wage earners (average for year)	Monthly average hours per wage earner												
			Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	For year
HOSIERY, SEAMLESS---Continued															
District B, total	72	6,475	153	157	171	154	168	165	148	154	153	162	164	155	158.7
New York and New Jersey	4/13	1,026	147	157	173	150	151	164	130	146	173	168	159	145	155.2
Pennsylvania	59	5,449	154	157	170	155	171	165	151	155	149	161	166	157	159.4
District C, total	22	4,580	159	154	171	155	164	159	149	172	159	172	167	157	161.6
Michigan, Ohio, and Indiana	5/5	1,076	151	149	169	155	162	162	145	164	155	163	155	148	156.3
Illinois and Missouri	6/11	2,622	164	155	175	155	165	153	152	179	158	175	170	161	163.6
Wisconsin	6	882	154	154	161	158	163	175	146	160	166	175	174	154	162.0
District D, total	174	29,231	151	152	161	151	157	153	147	154	152	158	153	148	153.1
Delaware, Maryland, West Virginia, and Virginia	7/15	4,393	154	159	171	154	167	163	145	163	172	163	156	148	159.5
North Carolina	124	17,876	147	149	156	149	152	149	147	149	147	155	151	146	149.8
Kentucky and Tennessee	8/35	6,962	159	155	167	154	164	156	149	160	149	162	160	152	157.2
District E, total	39	7,732	158	155	165	160	160	157	153	157	158	151	155	148	156.3
South Carolina	6	580	146	153	161	137	149	174	142	159	181	159	155	165	157.1
Georgia	22	4,944	157	157	167	156	159	151	146	156	149	147	153	139	152.6
Alabama	6	1,178	160	160	158	161	160	162	155	153	160	157	157	161	158.7
Mississippi, Louisiana, Arkansas, and Texas	9/5	1,030	166	166	166	197	170	166	189	162	183	157	161	168	170.9
By size of plant															
1 to 20 wage earners	45	579	126	138	147	148	150	139	135	137	146	150	153	145	143.4
21 to 100	134	7,269	145	145	159	150	156	153	141	149	155	157	161	147	151.5
101 to 500	124	27,650	155	155	163	154	159	158	150	155	157	159	157	153	156.2
501 to 2,500	16	13,864	156	155	170	155	164	155	151	162	147	159	155	147	156.5

For footnotes on the Seamless Hosiery industry, see page 34.

KNITTED CLOTH															
Total for man-hour tabulations	1/134	1/9,135	158	162	167	158	159	160	161	168	170	170	167	165	164.0
The North (Districts A, B, and C)	125	7,581	157	162	167	161	157	158	163	166	170	169	164	167	163.7
The South (District D)	9	1,554	164	162	170	145	167	169	151	177	168	178	180	157	165.8
By districts and States															
District A, total	27	1,314	157	190	166	156	155	159	170	172	179	168	169	170	167.7
Massachusetts	20	1,173	162	199	170	159	156	161	174	177	184	176	172	173	172.1
Rhode Island and Connecticut	2/7	141	125	125	132	130	147	135	136	131	139	112	136	140	131.0
District B, total	86	5,491	157	157	167	165	159	159	165	162	169	168	163	165	163.1
New York	61	3,202	152	155	159	167	152	155	164	161	178	170	164	166	162.4
New Jersey	9	641	169	161	191	168	175	181	165	187	181	185	156	161	173.4
Pennsylvania	16	1,648	161	160	170	161	165	157	166	155	144	157	163	164	160.5
District C, total	12	776	154	155	169	141	148	150	140	179	163	174	169	174	160.8
Michigan, Ohio, and Indiana	3/7	666	150	152	167	137	142	146	136	176	161	174	171	177	158.6
Illinois, Wisconsin, and California	4/5	110	176	179	186	165	185	176	169	193	171	177	161	158	173.8
District D---Va., N. C., Tenn., and Ga.	5/9	1,554	164	162	170	145	167	169	151	177	168	178	180	157	165.8
By size of plant															
1 to 20 wage earners	62	574	143	149	161	152	156	153	151	156	165	156	155	158	154.8
21 to 100	40	1,847	156	174	168	160	158	159	162	161	164	163	156	163	161.8
101 to 2,500	6/32	6,714	160	160	168	159	159	161	162	170	172	173	171	166	165.4

For footnotes on the Knitted Cloth industry, see page 35.

KNITTED GLOVES															
Total for man-hour tabulations	1/17	1/3,692	142	146	161	156	150	158	150	156	149	156	154	151	152.8
By districts and States															
New York	11	2,381	152	152	166	154	150	158	144	155	152	152	151	154	153.4
Pennsylvania, Ohio, Illinois, and Wisconsin	2/6	1,311	120	133	150	160	150	156	159	160	144	163	159	147	151.6
By size of plant															
21 to 100 wage earners	9	434	110	135	166	153	152	170	147	153	165	153	158	145	153.1
101 to 500	5	1,116	123	119	134	145	147	167	163	169	165	168	165	144	153.1
501 to 2,500	3	2,142	152	159	172	162	152	151	143	151	136	150	147	157	152.6

For footnotes on the Knitted Gloves industry, see page 35.

KNITTED OUTERWEAR (EXCEPT KNITTED GLOVES)---CONTRACT FACTORIES 1/															
Total for man-hour tabulations	1/166	1/3,238	134	143	149	144	142	150	153	156	163	155	144	134	148.4
The North (Districts A and B)	157	3,158	133	143	149	143	142	149	153	156	163	155	143	134	148.1
The West (District C)	9	80	159	150	131	158	144	157	171	163	167	178	157	131	158.6
By districts and States															
District A---Massachusetts and Connecticut	2/5	251	114	119	122	120	123	135	129	134	135	160	115	108	127.1
District B, total	152	2,907	134	145	152	146	144	151	155	157	165	154	146	136	149.9
New York	128	2,054	128	143	153	144	139	143	151	155	158	152	147	135	146.7
New Jersey	17	654	145	154	157	160	162	181	166	164	188	162	144	146	161.5
Pennsylvania	7	199	166	135	129	114	125	127	163	166	177	157	137	103	145.0
District C---California	9	80	159	150	131	158	144	157	171	163	167	178	157	131	158.6

TABLE 4.---AVERAGE MAN-HOURS PER WAGE EARNER, BY MONTHS, BY DISTRICTS AND STATES AND BY SIZE CLASSES,
FOR SELECTED ESTABLISHMENTS IN 171 INDUSTRIES: 1939---Continued

District, State, and class	Estab- lish- ments	Wage earners (average for year)	Monthly average hours per wage earner												For year
			Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	

KNITTED OUTERWEAR (EXCEPT KNITTED GLOVES)---CONTRACT FACTORIES---Continued^{1/}

<u>By size of plant</u>															
1 to 20 wage earners	118	1,290	135	147	147	143	137	143	154	151	163	154	142	131	147.1
21 to 100	45	1,443	129	139	153	146	142	147	155	161	158	152	150	135	148.5
101 to 500	3	505	143	145	142	139	150	173	146	153	178	168	130	137	151.2

For footnotes on the Contract-Factory Knitted Outerwear industry, see page 35.

KNITTED OUTERWEAR (EXCEPT KNITTED GLOVES)---REGULAR FACTORIES

Total for man-hour tabulations	1/306	1/15,378	147	155	162	154	160	161	156	164	161	162	152	147	157.0
The North (Districts A, B, C, and D)	262	12,793	148	155	161	151	157	160	156	164	162	163	153	148	156.9
The South (District E)	4	846	147	159	169	165	166	194	159	180	160	151	153	128	162.0
The West (District F)	40	1,739	144	149	164	165	175	154	152	153	153	154	143	149	155.2

By districts and States

District A, total	29	2,010	140	150	169	160	157	160	150	156	163	154	149	146	155.0
Maine, New Hampshire, Vermont, and Rhode Island	2/4	216	146	157	159	205	162	155	171	150	166	135	154	179	161.6
Massachusetts	20	1,390	140	143	169	150	151	158	141	154	161	147	140	138	150.0
Connecticut	5	404	139	181	173	172	180	175	165	166	166	182	169	160	168.9

District B, total	190	7,643	146	152	160	149	155	157	153	162	162	162	152	150	155.5
New York	117	3,986	139	147	155	142	150	153	153	157	160	160	147	147	151.4
New Jersey	22	923	151	157	158	142	145	166	157	174	170	164	157	153	159.6
Pennsylvania	51	2,734	156	158	167	158	163	161	151	166	162	164	160	153	160.1

District C, total	37	2,974	158	170	155	151	163	166	169	174	159	170	156	144	161.8
Michigan and Ohio	3/16	1,737	156	166	153	138	149	162	166	178	158	161	138	133	155.8
Illinois	11	438	179	155	176	163	170	161	150	181	160	177	172	170	168.3
Wisconsin	10	799	152	186	149	174	195	177	185	162	161	183	180	149	171.5

District D---Minnesota and Missouri	4/6	166	139	136	175	146	143	173	140	179	160	174	168	130	157.0
District E---North Carolina and Mississippi	5/4	846	147	159	169	165	166	194	159	180	160	151	153	128	162.0

District F, total	40	1,739	144	149	164	165	175	154	152	153	153	154	143	149	155.2
Utah, Washington, and Oregon	6/12	621	132	141	151	184	194	135	138	129	146	134	145	142	151.3
California	28	1,118	151	154	172	152	161	161	158	163	156	163	141	152	157.3

By size of plant

1 to 20 wage earners	134	1,396	142	146	157	137	144	148	144	157	161	158	153	149	150.9
21 to 100	138	6,624	149	154	163	154	158	163	155	171	167	165	158	151	159.5
101 to 2,500	7/34	7,358	146	157	161	157	164	162	158	160	155	159	146	142	156.0

For footnotes on the Regular-Factory Knitted Outerwear industry, see page 36.

KNITTED UNDERWEAR

Total for man-hour tabulations	1/157	1/33,419	144	149	164	153	154	165	150	161	162	162	160	145	155.9
The North (Districts A, B, and C)	125	22,576	144	148	165	153	155	165	147	164	158	162	163	145	155.9
The South (District D)	32	10,843	145	150	162	155	152	166	156	156	170	160	153	146	155.9

By districts and States

District A, total	16	2,567	141	146	161	150	150	156	138	153	151	157	158	141	150.2
Vermont	3	774	149	142	151	149	146	147	129	139	134	144	140	122	141.0
New Hampshire and Massachusetts	2/10	1,204	135	146	164	140	152	160	131	156	147	163	167	143	150.8
Rhode Island and Connecticut	3/3	589	142	150	168	174	150	160	165	165	181	158	162	161	161.3

District B, total	95	15,002	143	146	160	148	152	162	148	159	157	164	159	147	154.0
New York and New Jersey	4/39	8,225	142	145	162	150	149	159	146	154	149	161	158	148	152.1
Pennsylvania	56	6,777	144	146	156	147	157	167	152	166	167	167	159	145	156.3

District C, total	14	5,007	148	156	181	167	166	178	147	181	163	162	180	142	164.5
Michigan, Ohio, and Indiana	5/8	2,751	139	151	180	153	165	166	132	188	149	155	184	129	157.6
Illinois, Wisconsin, and Minnesota	6/6	2,256	160	163	183	185	168	193	166	172	180	171	175	159	172.9

District D, total	32	10,843	145	150	162	155	152	166	156	156	170	160	153	146	155.2
Virginia	8	1,546	147	150	172	157	155	182	155	163	178	160	153	148	160.4
Maryland, North Carolina, and Tennessee	7/13	6,942	149	153	162	158	155	164	158	156	172	161	154	146	157.5
Georgia, Alabama, and Mississippi	8/11	2,355	130	139	156	146	144	158	149	148	157	155	150	145	148.4

By size of plant

1 to 20 wage earners	12	151	117	134	142	147	155	156	142	152	165	150	126	108	140.6
21 to 100	58	3,401	146	146	161	154	154	164	149	164	166	165	161	144	156.4
101 to 500	75	17,071	137	144	157	150	149	161	146	155	158	159	157	145	151.6
501 to 2,500	12	12,796	153	155	174	159	161	172	155	168	165	165	165	147	161.7

For footnotes on the Knitted Underwear industry, see page 37.

WORK CLOTHING (EXCEPT WORK SHIRTS), SPORT GARMENTS (EXCEPT LEATHER), AND OTHER MEN'S AND BOYS' APPAREL NOT ELSEWHERE CLASSIFIED

Total for man-hour tabulations	1/459	1/46,224	142	144	153	155	155	156	149	159	154	156	148	137	150.1
The North (Districts A, B, C, and D)	272	22,973	142	146	158	149	157	156	149	160	156	158	150	145	152.6
The South (Districts E, F, and G)	143	19,960	144	142	148	141	152	155	149	158	154	153	146	129	147.8
The West (District H)	44	3,291	133	131	155	141	157	164	140	162	148	153	141	129	146.6

TABLE 4.---AVERAGE MAN-HOURS PER WAGE EARNER, BY MONTHS, BY DISTRICTS AND STATES AND BY SIZE CLASSES,
FOR SELECTED ESTABLISHMENTS IN 171 INDUSTRIES: 1939---Continued

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District, State, and class	Estab- lish- ments	Wage earners (average for year)	Monthly average hours per wage earner												For year
			Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	
WORK CLOTHING (EXCEPT WORK SHIRTS), SPORT GARMENTS (EXCEPT LEATHER), AND OTHER MEN'S AND BOYS' APPAREL NOT ELSEWHERE CLASSIFIED---Continued															
By districts and States															
District A, total	41	1,868	153	144	167	151	162	160	146	164	170	163	162	148	157.8
Maine	4	164	153	156	154	177	173	163	168	165	192	174	153	144	164.9
New Hampshire and Vermont	2/5	241	130	111	134	130	128	130	119	135	147	141	137	123	130.8
Massachusetts	26	1,305	155	148	174	152	166	165	145	166	173	164	167	151	161.0
Rhode Island and Connecticut	3/6	158	168	154	166	153	163	162	169	177	153	181	170	162	165.1
District B, total	104	6,397	139	142	163	148	154	157	155	157	155	162	153	145	153.0
New York	46	2,094	137	138	160	151	153	155	158	150	149	161	149	151	151.3
New Jersey	20	1,493	133	133	155	137	153	144	137	149	145	160	152	138	145.3
Pennsylvania	38	2,810	144	150	169	151	155	167	164	167	164	164	155	144	158.2
District C, total	79	8,782	141	137	150	152	155	155	148	153	150	153	143	147	148.7
Michigan and Ohio	4/20	2,240	139	137	153	159	163	155	153	158	152	152	151	134	150.9
Indiana	24	3,878	142	136	146	149	158	158	143	154	145	148	131	149	146.7
Illinois	26	2,213	143	141	151	152	142	148	149	143	151	159	151	158	149.0
Wisconsin	9	451	129	127	162	151	151	156	154	169	163	160	152	140	152.9
District D, total	48	5,926	141	166	162	145	164	154	149	172	161	161	156	143	156.2
Minnesota	18	851	129	144	154	140	147	149	139	160	157	164	151	127	147.7
Iowa	6	321	143	147	152	159	147	144	133	148	152	150	138	144	146.8
Missouri and Kansas	5/24	4,754	143	170	164	145	168	155	151	175	162	162	158	146	158.3
District E, total	66	10,290	143	135	145	133	151	161	150	160	151	151	146	126	146.2
Delaware, Maryland, and West Virginia	6/20	1,131	149	149	178	150	165	161	153	169	153	158	148	152	157.2
Virginia	16	3,122	140	142	148	138	171	166	144	163	155	149	150	115	148.4
North Carolina	7	2,181	150	136	133	122	136	150	154	160	147	167	128	125	142.3
Kentucky	9	1,402	135	124	140	133	159	149	143	147	146	141	137	111	138.7
Tennessee	14	2,454	144	125	141	128	132	171	156	159	151	144	156	137	146.2
District F, total	43	6,087	145	144	147	145	146	146	141	146	148	147	143	130	144.1
South Carolina, Georgia, and Florida	7/22	2,376	147	149	147	151	138	147	142	148	147	148	156	138	146.6
Alabama	5	283	139	101	140	126	133	138	142	146	153	132	111	104	130.0
Mississippi	5	1,983	142	141	142	146	155	151	138	146	150	150	134	126	143.5
Louisiana and Arkansas	8/11	1,445	149	147	155	138	148	139	144	142	147	144	142	130	143.6
District G---Oklahoma and Texas	9/34	3,583	142	159	158	157	165	154	162	174	172	169	152	135	158.8
District H, total	44	3,291	133	131	155	141	157	164	140	162	148	153	141	129	146.6
Colorado and Utah	10/4	371	105	106	147	114	162	169	144	176	148	152	118	95	137.9
Washington and Oregon	11/11	882	121	112	131	133	146	144	121	136	144	141	140	112	132.3
California	29	2,038	144	143	166	150	161	171	147	171	150	158	145	143	154.4
By size of plant															
1 to 20 wage earners	118	1,310	128	133	151	141	146	148	139	145	155	156	150	141	145.0
21 to 100	201	10,080	137	139	155	149	154	153	145	154	155	154	147	136	148.6
101 to 500	130	28,069	144	144	155	144	153	156	150	161	153	155	150	135	150.2
501 to 2,500	10	6,765	141	149	147	146	169	162	152	163	159	159	139	146	152.8
For footnotes on the Work Clothing and Sport Garment industry, see page 38.															

TROUSERS (SEMDRESS), WASH SUITS, AND WASHABLE SERVICE APPAREL

Total for man-hour tabulations	1/169	1/13,900	146	146	160	152	160	159	149	156	153	145	135	135	149.7
The North (Districts A, B, C, and D)	120	8,742	143	143	158	149	157	158	150	152	149	143	132	136	147.6
The South (Districts E, F, and G)	35	4,543	155	155	167	158	171	161	147	166	154	150	144	135	155.9
The West (District H)	14	615	116	124	138	136	132	152	135	139	140	132	119	131	133.4
By districts and States															
District A, total	15	996	164	162	170	174	176	179	162	161	162	151	143	139	162.5
Massachusetts	11	617	153	152	169	169	175	180	154	152	144	133	140	143	156.8
Maine and Connecticut	2/4	379	178	176	172	182	179	176	177	176	187	175	148	134	171.9
District B, total	62	3,698	131	138	156	146	154	150	153	148	145	135	127	132	142.9
New York	32	1,018	142	144	158	147	152	143	154	147	150	150	120	145	148.2
New Jersey	6	355	124	143	160	151	159	175	141	154	151	140	131	87	144.7
Pennsylvania	24	2,325	127	134	154	145	156	146	159	145	143	127	116	131	140.3
District C, total	28	2,830	146	139	151	139	150	153	142	151	142	145	128	128	143.0
Michigan and Ohio	3/8	801	151	160	157	147	162	156	142	153	155	163	146	138	152.4
Indiana	7	1,362	156	136	163	144	156	165	151	161	144	146	138	133	149.7
Illinois and Wisconsin	4/13	667	120	119	122	118	124	125	120	126	123	123	90	107	118.0
District D, total	15	1,218	158	153	170	163	164	172	155	160	166	156	149	161	160.6
Minnesota, Iowa, and Nebraska	5/5	249	165	148	170	156	133	164	150	153	160	120	111	143	147.2
Missouri	10	969	157	154	170	164	172	174	157	162	168	166	158	165	164.0
District E, total	13	1,080	133	136	160	140	159	151	131	150	148	147	140	121	142.9
Maryland	8	715	142	127	156	135	151	150	131	149	147	156	140	138	143.6
Kentucky and Tennessee	6/5	365	111	154	170	151	192	154	132	152	150	135	140	97	141.5

TABLE 4.---AVERAGE MAN-HOURS PER WAGE EARNER, BY MONTHS, BY DISTRICTS AND STATES AND BY SIZE CLASSES,

FOR SELECTED ESTABLISHMENTS IN 171 INDUSTRIES: 1939---Continued

District, State, and class	Estab-lish-ments	Wage earners (average for year)	Monthly average hours per wage earner												For year
			Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	
TROUSERS (SEMDRESS), WASH SUITS, AND WASHABLE SERVICE APPAREL---Continued															
District F, total	14	2,787	158	160	163	165	174	162	149	163	164	154	148	140	158.2
Georgia	6	1,736	165	161	164	160	173	162	147	167	161	154	146	141	158.3
South Carolina, Florida, Alabama, and Mississippi	7/4	574	157	162	155	176	180	159	151	158	164	146	143	146	158.3
Louisiana	4	477	132	154	170	166	169	165	153	159	171	162	158	129	157.9
District G---Texas	8	676	176	167	191	161	174	175	161	201	188	143	133	136	167.2
District H---Colorado, Washington, California	8/14	615	116	124	138	136	132	152	135	139	140	132	119	131	133.4
By size of plant															
1 to 20 wage earners	53	606	138	138	154	151	154	155	138	142	150	148	146	145	146.6
21 to 100	73	3,832	140	146	161	149	154	160	147	158	158	149	141	132	149.8
101 to 2,500	9/43	9,462	149	147	160	153	163	158	150	156	151	143	132	136	149.9
For footnotes on the Semidress Trousers, Wash Suits, and Washable Service Apparel industry, see page 38.															
LEATHER AND SHEEP-LINED CLOTHING															
Total for man-hour tabulations	1/61	1/3,541	133	139	151	149	150	157	162	169	158	170	167	144	156.3
The North (Districts A, B, C, and D)	52	3,117	136	143	154	153	153	160	162	170	158	170	167	145	158.0
The West (District E)	9	424	115	114	127	125	131	133	154	166	156	171	164	134	144.2
By districts and States															
District A---Massachusetts and Connecticut	2/13	618	129	124	140	123	143	145	157	156	148	176	181	126	150.2
District B, total	21	880	154	166	173	173	172	175	175	179	162	173	169	170	170.9
New York	12	382	155	164	170	170	171	171	179	181	174	175	181	165	172.8
New Jersey and Pennsylvania	3/9	498	154	167	176	176	173	178	173	178	153	172	159	174	169.5
District C, total	12	917	119	137	153	147	147	155	148	167	156	165	167	138	151.7
Ohio, Indiana, and Illinois	4/9	410	131	136	143	145	140	130	139	140	139	157	138	152	141.5
Wisconsin	3	507	108	138	161	148	152	172	154	190	170	172	193	125	160.0
District D---Minnesota and Missouri	5/6	702	147	138	143	159	146	160	169	172	162	168	147	137	156.8
District E---Oregon and California	6/9	424	115	114	127	125	131	133	154	166	156	171	164	134	144.2
By size of plant															
1 to 20 wage earners	27	269	134	134	148	153	149	155	157	161	165	176	166	163	158.5
21 to 100	24	1,227	130	132	151	151	149	153	163	166	161	170	160	154	155.9
101 to 500	10	2,045	135	143	151	148	151	159	161	172	154	170	171	134	156.3
For footnotes on the Leather and Sheep-Lined Clothing industry, see page 39.															
RAINCOATS AND OTHER WATERPROOF GARMENTS (EXCEPT OILED COTTON)															
Total for man-hour tabulations	1/35	1/1,792	127	130	155	132	137	136	150	149	155	158	147	140	144.0
By districts and States															
Massachusetts and Rhode Island	2/10	806	100	120	143	101	110	105	139	125	141	140	125	130	123.2
New York, Pennsylvania, and Maryland	3/14	519	148	141	166	165	162	160	167	166	171	168	167	146	162.2
Ohio, Indiana, Illinois, and Wisconsin	4/11	467	154	145	165	157	164	166	148	166	156	174	162	150	159.9
By size of plant															
1 to 20 wage earners	17	164	99	103	127	130	137	125	139	152	154	153	151	144	137.6
21 to 100	9	350	127	141	154	159	155	167	168	164	165	167	163	152	159.4
101 to 500	9	1,278	131	131	159	126	133	131	146	143	152	156	141	136	140.7
For footnotes on the Raincoats and Other Waterproof Garments industry, see page 39.															
WORK SHIRTS															
Total for man-hour tabulations	1/71	1/12,336	142	147	163	145	154	162	142	163	152	156	150	135	151.4
The North (Districts A and B)	27	3,306	136	137	155	135	147	155	138	157	142	154	148	132	144.8
The South (Districts C and D)	44	9,030	144	151	166	149	157	164	144	165	156	157	150	137	153.8
By districts and States															
District A, total	18	1,158	122	133	138	125	139	154	140	145	146	146	144	137	139.3
New York and New Jersey	2/8	381	120	112	120	97	112	142	124	134	146	144	157	125	127.8
Pennsylvania	10	777	124	141	146	137	151	160	148	150	146	148	138	144	144.9
District B---Indiana, Iowa, Missouri, Oregon	3/9	2,148	143	139	164	141	152	156	137	163	140	157	151	129	147.8
District C, total	29	5,330	147	152	169	151	164	168	152	177	160	165	150	142	158.4
Maryland and Virginia	4/11	1,069	133	141	167	146	153	159	145	173	156	161	162	144	153.5
Kentucky and Tennessee	2/18	4,261	151	154	170	152	167	171	154	177	160	166	147	141	159.7
District D, total	15	3,700	141	150	162	146	147	158	132	150	150	147	151	129	147.2
Georgia, Alabama, and Texas	6/7	1,434	161	156	168	147	134	158	124	134	140	143	156	143	146.5
Mississippi	8	2,266	130	146	159	146	155	159	138	161	156	149	146	120	147.7
By size of plant															
1 to 100 wage earners	7/29	1,272	131	132	144	136	136	149	134	146	144	138	127	145	138.6
101 to 2,500	8/42	11,064	143	149	165	147	157	163	143	165	153	159	152	134	152.9
For footnotes on the Work Shirt industry, see page 39.															
MEN'S AND BOYS' SHIRTS (EXCEPT WORK SHIRTS), COLLARS, AND NIGHTWEAR---CONTRACT FACTORIES 1/															
Total for man-hour tabulations	1/106	1/10,520	128	132	148	141	144	148	135	147	151	151	147	138	142.8
The North (Districts A and B)	88	8,702	129	131	148	142	145	149	137	147	151	152	147	140	143.3
The South (Districts C and D)	15	1,758	122	138	145	140	140	142	126	143	153	149	149	127	139.7
The West (District E)	3	60	162	154	160	159	152	151	155	142	153	152	152	154	153.8

TABLE 4.---AVERAGE MAN-HOURS PER WAGE EARNER, BY MONTHS, BY DISTRICTS AND STATES AND BY SIZE CLASSES,
FOR SELECTED ESTABLISHMENTS IN 171 INDUSTRIES: 1939---Continued

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District, State, and class	Estab- lish- ments	Wage earners (average for year)	Monthly average hours per wage earner												For year
			Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	
MEN'S AND BOYS' SHIRTS (EXCEPT WORK SHIRTS), COLLARS, AND NIGHTWEAR---CONTRACT FACTORIES ^{1/} ---Continued															
By districts and States															
District A---Massachusetts and Connecticut . .	2/7	1,177	109	106	149	141	132	140	138	137	152	152	150	132	136.8
District B, total	81	7,525	132	135	148	142	147	150	137	149	151	152	146	141	144.4
New York	22	1,110	109	119	152	139	140	147	118	145	159	141	134	121	136.0
New Jersey	8	915	141	142	166	143	153	166	150	140	156	157	154	147	151.5
Pennsylvania and Illinois	3/51	5,500	135	137	144	142	148	148	139	152	148	153	147	144	144.9
District C, total	12	1,073	125	130	147	138	132	137	126	128	140	134	144	121	133.5
Delaware and Maryland	4/8	483	140	136	160	159	144	143	146	160	160	170	168	136	151.6
West Virginia, Virginia, North Carolina, Tennessee	5/4	590	111	126	135	118	120	132	109	102	126	110	127	110	118.7
District D--- South Carolina and Georgia . . .	6/3	685	116	149	140	143	152	150	126	166	173	172	158	137	149.4
District E--- California	3	60	162	154	160	159	152	151	155	142	153	152	152	154	153.8
By size of plant															
1 to 20 wage earners	14	152	122	131	164	127	149	113	129	135	160	141	139	128	137.6
21 to 100	57	3,012	121	127	147	140	137	143	127	149	147	144	144	132	138.4
101 to 2,500	7/35	7,356	131	135	147	142	147	150	139	146	153	154	149	141	144.7
For footnotes on the Contract-Factory Men's and Boys' Shirts, Collars, and Nightwear Industry, see page 40.															

For footnotes on the Contract-Factory Men's and Boys' Shirts, Collars, and Nightwear industry, see page 40.

MEN'S AND BOYS' SHIRTS (EXCEPT WORK SHIRTS), COLLARS, AND NIGHTWEAR---REGULAR FACTORIES ^{1/}															
Total for man-hour tabulations	1/243	1/45,895	143	145	162	149	151	152	133	158	159	159	157	150	151.6
The North (Districts A, B, C, and D)	173	32,428	140	145	163	148	148	150	131	158	158	159	158	151	151.2
The South (Districts E and F)	54	12,770	148	144	160	150	157	156	137	157	162	159	154	147	152.6
The West (District G)	16	697	149	146	153	154	150	147	141	142	144	157	160	158	150.3
By districts and States															
District A, total	22	5,300	144	144	159	152	151	152	140	158	156	158	164	154	153.0
New Hampshire, Vermont, and Massachusetts	2/12	3,191	144	143	158	143	150	151	126	161	148	159	165	156	150.9
Rhode Island and Connecticut	3/10	2,109	144	146	162	165	154	154	158	155	167	157	161	149	156.3
District B, total	114	19,969	138	146	164	146	147	151	130	156	160	160	156	150	150.5
New York	40	5,613	142	146	162	149	155	152	106	154	146	162	160	152	149.0
New Jersey	15	2,992	159	161	179	167	168	171	155	164	173	168	170	163	166.7
Pennsylvania	59	11,364	130	141	161	139	138	145	134	155	163	157	150	147	147.0
District C, total	20	3,552	147	143	154	152	147	137	124	157	159	160	149	144	148.2
Michigan and Ohio	4/8	1,574	152	146	157	164	146	127	119	155	177	166	154	163	153.6
Indiana	5	1,586	143	144	155	144	152	143	126	158	140	147	144	117	142.8
Illinois	7	392	145	126	142	140	131	145	131	162	154	180	147	172	147.8
District D, total	17	3,607	142	147	172	150	150	154	135	171	151	158	171	162	155.3
Minnesota, Iowa, Nebraska, and Kansas	5/6	327	91	129	149	125	119	98	95	153	136	149	140	107	124.5
Missouri	11	3,280	147	148	174	153	153	159	139	172	152	159	174	168	158.3
District E, total	34	6,728	146	144	158	151	154	151	143	154	161	158	153	153	152.2
Delaware and Maryland	6/24	4,366	149	152	169	154	162	158	147	159	168	165	156	164	158.6
North Carolina	3	452	122	111	121	130	147	129	139	143	148	137	138	106	130.8
Virginia, Kentucky, and Tennessee	7/7	1,910	145	134	143	150	138	141	132	145	150	147	148	138	142.6
District F, total	20	6,042	151	144	162	149	160	161	131	161	162	160	155	141	153.1
South Carolina	3	729	170	156	177	166	172	171	166	175	166	167	164	131	164.9
Georgia	5	1,416	148	148	178	147	155	185	103	166	154	152	167	150	154.8
Florida and Alabama	8/4	1,805	166	155	164	156	171	149	131	158	157	171	139	128	153.4
Mississippi, Arkansas, and Texas	9/8	2,091	138	130	148	139	149	149	137	156	171	155	156	151	147.7
District G---California	16	697	149	146	153	154	150	147	141	142	144	157	160	158	150.3
By size of plant															
1 to 20 wage earners	36	356	157	157	169	164	165	165	152	153	156	161	165	155	159.9
21 to 100	73	3,943	138	143	160	147	152	151	136	151	155	158	152	159	150.3
101 to 500	115	27,675	142	143	162	146	149	150	142	159	160	158	156	149	151.4
501 to 2,500	19	13,921	145	148	162	155	153	155	115	159	158	161	160	151	152.0

For footnotes on the Regular-Factory Men's and Boys' Shirts, Collars, and Nightwear industry, see page 41.

MEN'S AND BOYS' UNDERWEAR---CONTRACT FACTORIES ^{1/}															
Total for man-hour tabulations	1/10	1/1,211	161	158	168	160	163	159	154	161	161	187	164	164	163.7
By districts and States															
New York, New Jersey, Delaware, and Maryland	2/5	243	139	130	161	147	155	145	148	148	142	167	149	149	148.4
Pennsylvania and Illinois	3/5	968	167	165	170	163	165	163	156	164	166	192	168	168	167.5
By size of plant															
1 to 100 wage earners	4/7	399	145	142	158	144	155	147	144	147	145	164	146	143	148.5
101 to 2,500	5/3	812	169	166	174	168	167	166	160	168	169	198	172	174	171.1

For footnotes on the Contract-Factory Men's and Boys' Underwear industry, see page 41.

MEN'S AND BOYS' UNDERWEAR---REGULAR FACTORIES															
Total for man-hour tabulations	1/36	1/4,850	143	143	161	144	152	156	148	146	139	154	159	146	149.4
The North (Districts A and B)	26	3,600	143	145	164	143	152	152	145	142	137	152	157	145	148.0
The South (District C)	10	1,250	145	140	152	147	153	169	159	155	147	160	163	149	153.4

TABLE 4.--AVERAGE MAN-HOURS PER WAGE EARNER, BY MONTHS, BY DISTRICTS AND STATES AND BY SIZE CLASSES,
FOR SELECTED ESTABLISHMENTS IN 171 INDUSTRIES: 1939--Continued

District, State, and class	Estab- lish- ments	Wage earners (average for year)	Monthly average hours per wage earner												For year
			Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	

MEN'S AND BOYS' UNDERWEAR---REGULAR FACTORIES---Continued

<u>By districts and States</u>															
District A, total	17	1,823	146	150	172	148	163	158	144	143	129	154	166	145	151.8
Massachusetts, New York, and New Jersey	2/6	513	138	147	164	133	151	150	147	148	139	150	146	144	146.6
Pennsylvania	11	1,310	150	151	175	154	167	162	143	142	126	156	174	146	153.8
<u>District B, total</u>															
Ohio, Indiana, and Illinois	3/6	1,290	144	142	153	145	145	146	140	141	130	145	145	137	143.4
Missouri	3	487	125	132	167	120	127	141	161	141	181	139	155	163	146.2
<u>District C, total</u>															
Maryland, Virginia, North Carolina, and Kentucky	4/6	735	161	147	159	148	158	168	154	171	150	171	171	157	159.7
South Carolina, Tennessee, and Alabama	5/4	515	123	132	141	147	144	170	164	137	143	143	152	135	144.4
<u>By size of plant</u>															
1 to 100 wage earners	6/15	613	140	139	147	136	138	156	144	155	130	157	165	149	146.3
101 to 500	21	4,237	144	144	163	145	154	156	149	145	141	153	158	145	149.9

For footnotes on the Regular-Factory Men's and Boys' Underwear industry, see page 41.

MEN'S NECKWEAR---CONTRACT FACTORIES ^{1/}															
Total for man-hour tabulations	1/20	1/681	112	113	129	100	109	117	116	126	125	152	160	126	125.7
<u>By districts and States</u>															
District A---Mass., Conn., Md., and Ill.	2/5	242	103	108	121	99	99	103	128	138	127	144	156	122	124.4
<u>District B, total</u>															
New York	9	273	133	131	135	100	123	111	102	118	122	161	175	148	130.4
New Jersey	6	166	97	100	138	103	90	142	125	121	126	152	143	96	120.1
<u>By size of plant</u>															
1 to 20 wage earners	7	78	158	152	179	159	168	165	136	168	162	169	166	134	159.6
21 to 100	13	603	105	108	124	94	101	111	113	121	120	150	159	125	121.3

For footnotes on the Contract-Factory Men's Neckwear industry, see page 42.

MEN'S NECKWEAR---REGULAR FACTORIES															
Total for man-hour tabulations	1/185	1/6,568	145	149	158	142	146	149	137	152	150	159	160	153	150.5
<u>The North (Districts A, B, C, and D)</u>															
The North (Districts A, B, C, and D)	147	5,271	146	150	159	142	146	148	138	153	151	160	161	155	151.1
<u>The South (District E)</u>															
The South (District E)	20	748	151	152	154	147	154	155	147	158	153	165	161	157	154.8
<u>The West (District F)</u>															
The West (District F)	18	549	120	132	154	143	144	146	118	133	140	146	150	134	138.8
<u>By districts and States</u>															
District A, total	17	1,062	152	153	169	136	146	156	152	164	159	162	165	166	156.9
Massachusetts	14	384	162	137	171	147	171	169	150	174	160	160	165	172	161.6
Connecticut	3	678	145	161	168	130	130	150	152	159	158	163	165	163	154.2
<u>District B, total</u>															
New York	63	2,025	154	151	155	150	148	154	137	157	149	164	158	154	153.2
New Jersey	5	113	153	143	155	141	144	145	133	146	143	163	154	147	147.9
Pennsylvania	15	411	151	152	150	150	144	152	133	143	159	153	157	157	150.6
<u>District C, total</u>															
Michigan, Ohio, and Indiana	2/12	608	147	156	175	149	173	147	140	132	145	162	172	149	154.1
Illinois and Wisconsin	3/23	472	100	121	127	106	96	108	101	119	135	139	154	137	121.5
<u>District D---Minnesota, Missouri, and Nebraska</u>															
District D---Minnesota, Missouri, and Nebraska	4/12	580	141	155	169	141	152	145	142	171	158	162	165	158	155.5
<u>District E, total</u>															
Maryland, North Carolina, and Kentucky	5/11	407	147	140	149	142	155	161	141	157	145	172	157	151	151.4
Georgia, Louisiana, and Texas	6/9	341	157	168	161	153	153	149	154	160	163	157	166	163	158.7
<u>District F---N. Mex., Wash., Oreg., and Calif.</u>															
District F---N. Mex., Wash., Oreg., and Calif.	7/18	549	120	132	154	143	144	146	118	133	140	146	150	134	138.8
<u>By size of plant</u>															
1 to 20 wage earners	108	1,077	140	144	150	143	140	144	136	151	154	155	154	157	148.2
21 to 100	62	2,683	145	143	159	143	151	149	139	155	151	161	162	156	151.5
101 to 500	15	2,808	146	156	160	142	144	150	137	149	149	159	161	148	150.5

For footnotes on the Regular-Factory Men's Neckwear industry, see page 42.

MEN'S AND BOYS' SUITS, COATS, AND OVERCOATS (EXCEPT WORK CLOTHING)---CONTRACT FACTORIES ^{1/}															
Total for man-hour tabulations	1/653	1/34,392	130	138	154	134	129	126	125	143	142	135	129	131	135.2
<u>The North (Districts A, B, C, and D)</u>															
The North (Districts A, B, C, and D)	509	29,145	127	137	152	132	123	120	120	139	140	129	124	127	131.7
<u>The South (District E)</u>															
The South (District E)	118	4,926	154	143	169	148	158	157	154	170	153	169	158	150	156.9
<u>The West (District F)</u>															
The West (District F)	26	321	106	116	137	119	114	115	108	121	120	122	128	136	120.1
<u>By districts and States</u>															
District A, total	21	838	124	142	173	134	129	158	137	147	144	138	136	137	141.7
Maine, New Hampshire, and Massachusetts	2/17	501	131	149	173	135	138	159	147	153	167	159	148	143	151.0
Connecticut	4	337	115	133	172	133	120	158	125	136	104	100	114	126	127.8
<u>District B, total</u>															
New York	371	25,468	130	140	152	131	121	118	123	142	141	127	122	127	131.9
New Jersey	231	12,543	126	131	141	124	116	114	118	135	138	130	122	121	127.5
Pennsylvania	55	5,561	128	148	165	126	109	106	113	147	144	119	117	123	130.5
Pennsylvania	85	7,364	139	148	162	145	134	130	134	149	143	127	125	141	140.3

TABLE 4.---AVERAGE MAN-HOURS PER WAGE EARNER, BY MONTHS, BY DISTRICTS AND STATES, AND BY SIZE CLASSES,
FOR SELECTED ESTABLISHMENTS IN 171 INDUSTRIES: 1939---Continued

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District, State, and class	Estab- lish- ments	Wage earners (average for year)	Monthly average hours per wage earner												For year
			Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	
MEN'S AND BOYS' SUITS, COATS, AND OVERCOATS (EXCEPT WORK CLOTHING)---CONTRACT FACTORIES ^{1/-} ---Continued															
District C, total	102	2,474	92	105	143	140	134	123	89	100	129	145	138	131	123.0
Michigan and Ohio	3/25	615	68	84	134	135	126	115	74	77	124	148	144	128	113.8
Illinois	72	1,698	99	110	145	140	136	123	91	104	126	143	134	131	124.0
Wisconsin	5	161	128	141	164	161	153	168	122	136	161	150	145	141	147.5
District D---Minnesota and Missouri	4/15	365	133	147	179	146	156	141	142	158	172	170	136	118	151.4
District E, total	118	4,926	154	143	169	148	158	157	154	170	153	169	158	150	156.9
Maryland	112	4,476	155	142	170	148	160	159	155	173	155	171	160	151	158.2
Kentucky, Tennessee, Louisiana, and Texas	5/6	450	145	153	155	147	145	136	139	136	139	147	144	141	143.6
District F---Washington and California	6/26	321	106	116	137	119	114	115	108	121	120	122	128	136	120.1
By size of plant															
1 to 20 wage earners	255	2,672	117	118	137	131	128	124	112	122	126	135	129	124	125.5
21 to 100	296	15,215	126	132	155	130	126	122	125	144	142	136	128	132	133.8
101 to 2,500	7/102	16,505	136	146	157	138	131	130	127	145	144	133	130	131	138.0
For footnotes on the Contract-Factory Men's and Boys' Suits, Coats, and Overcoats industry, see page 43.															

MEN'S AND BOYS' SUITS, COATS, AND OVERCOATS (EXCEPT WORK CLOTHING)---REGULAR FACTORIES															
Total for man-hour tabulations	1/388	1/71,512	136	141	160	141	141	150	141	151	145	141	142	145	144.7
The North (Districts A, B, C, and D)	290	56,401	136	139	157	141	137	146	140	150	145	141	139	144	143.0
The South (Districts E and F)	62	13,383	137	145	173	143	156	167	144	155	146	140	151	149	150.6
The West (District G)	36	1,728	149	151	171	154	156	155	144	158	153	158	153	151	154.6
By districts and States															
District A, total	30	3,662	150	151	167	142	154	150	151	162	147	141	156	129	149.9
Massachusetts	25	3,412	151	153	171	143	156	151	152	165	148	141	157	128	151.4
New Hampshire, Rhode Island, and Connecticut	2/5	250	133	119	123	122	129	133	118	121	135	140	139	135	128.9
District B, total	156	28,913	143	144	157	144	144	153	147	155	147	143	146	151	148.0
New York	103	18,414	144	141	152	142	140	151	146	154	144	143	141	147	145.2
New Jersey	7	1,852	158	156	165	157	162	167	158	164	164	157	159	166	161.2
Pennsylvania	46	8,647	140	149	166	147	149	154	148	155	152	141	152	157	150.9
District C, total	83	21,503	123	130	154	135	124	135	129	143	140	138	127	135	134.5
Michigan and Ohio	3/33	8,308	126	131	175	151	153	137	127	146	146	154	153	140	144.8
Indiana	4	1,741	120	148	103	140	123	135	125	141	145	131	138	148	133.0
Illinois	40	11,004	122	127	149	123	102	134	131	141	133	127	103	129	126.8
Wisconsin	6	450	116	134	136	139	107	119	132	138	151	151	149	130	135.4
District D, total	21	2,323	139	139	163	148	149	157	134	145	157	147	152	164	149.4
Minnesota	10	356	137	135	153	144	144	175	132	144	141	154	188	118	147.4
Iowa and Missouri	4/11	1,967	140	139	164	148	151	153	135	146	160	146	144	175	149.8
District E, total	40	10,772	134	144	170	137	156	164	141	157	144	141	149	147	148.7
Delaware, Maryland, and District of Columbia	5/23	4,355	148	144	184	144	166	175	152	163	152	154	158	165	158.7
Virginia and North Carolina	6/6	2,411	119	131	155	124	127	146	128	138	124	118	116	126	129.4
Kentucky	6	1,826	134	136	150	124	137	159	123	136	144	125	151	143	138.6
Tennessee	5	2,180	121	163	177	146	182	167	148	184	150	155	165	142	158.7
District F, total	22	2,611	150	153	185	164	159	176	158	147	157	135	158	156	158.5
Georgia, Mississippi, and Texas	7/13	1,656	148	156	188	162	149	182	152	170	172	157	161	155	163.0
Louisiana	9	955	153	149	181	167	175	166	167	94	122	100	151	157	150.7
District G, total	36	1,728	149	151	171	154	156	155	144	158	153	158	153	151	154.6
Colorado, Washington, and Oregon	8/7	253	123	129	131	106	128	128	138	132	126	125	131	123	126.6
California	29	1,475	153	155	178	162	160	159	145	163	158	165	157	156	159.4
By size of plant															
1 to 20 wage earners	71	826	138	134	150	149	148	149	132	137	145	148	152	148	144.4
21 to 100	164	8,405	135	139	156	144	141	146	132	146	148	152	148	141	144.4
101 to 500	113	26,810	133	139	164	143	147	150	138	149	148	147	150	145	146.3
501 and over	9/40	35,471	139	142	159	139	137	151	145	154	142	134	135	146	143.6
For footnotes on the Regular-Factory Men's and Boys' Suits, Coats, and Overcoats industry, see page 44.															

LOGGING CAMPS AND LOGGING CONTRACTORS (NOT OPERATING SAWMILLS)															
Total for man-hour tabulations	1/525	1/16,796	147	134	149	145	159	158	148	153	152	151	155	134	149.4
The North (Districts A, B, C, and D)	103	3,043	171	161	164	156	152	174	178	175	183	168	172	157	168.6
The South (Districts E, F, and G)	132	2,951	138	135	149	139	153	142	146	149	143	142	136	127	141.3
The West (District H)	290	10,802	138	119	145	146	162	157	140	147	147	149	154	128	146.2
By districts and States															
District A, total	38	1,055	178	149	162	125	152	189	199	195	184	151	177	159	173.5
Maine	32	850	176	144	157	120	151	186	195	194	166	140	175	164	170.8
New Hampshire and Vermont	2/6	205	193	186	200	132	154	204	214	202	212	181	182	142	185.0
District B---New York and Pennsylvania	3/9	460	177	191	191	154	140	165	163	164	220	204	195	136	176.2
District C, total	37	1,036	165	159	153	161	163	173	180	172	170	169	163	164	166.1
Michigan	23	596	171	165	164	158	157	168	165	172	172	187	170	163	168.7
Wisconsin	14	440	158	150	131	164	169	178	198	173	169	147	154	165	162.5

District, State, and class	Estab- lish- ments	Wage earners (average for year)	Monthly average hours per wage earner												
			Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	For year
LOGGING CAMPS AND LOGGING CONTRACTORS (NOT OPERATING SAWMILLS)---Continued															
District D---Minnesota, South Dakota, Missouri	4/19	492	164	154	167	174	148	148	145	129	167	165	172	144	155.9
District E, total	18	547	124	118	134	122	142	127	122	132	131	128	129	132	128.4
West Virginia and Virginia	5/9	289	151	133	152	143	157	133	142	151	156	139	144	136	144.8
North Carolina and Tennessee	6/9	258	100	102	116	102	127	119	99	109	102	114	109	127	109.9
District F, total	94	2,033	142	143	155	143	154	146	151	153	145	142	137	124	144.1
South Carolina	8	442	146	121	148	152	161	148	167	156	149	152	153	119	147.3
Georgia	18	228	151	140	151	151	150	150	153	151	152	151	152	151	151.0
Florida	7	632	156	164	178	139	161	150	149	168	143	154	151	138	154.1
Alabama	22	176	146	132	152	149	144	136	137	133	131	137	130	131	137.3
Mississippi	14	150	99	146	139	146	157	154	154	153	156	157	158	145	147.6
Louisiana	6	218	115	132	132	124	137	129	135	129	137	86	67	67	107.2
Arkansas	19	187	128	130	130	131	139	146	143	150	145	144	145	138	140.3
District G---Texas	20	371	135	121	136	143	160	141	158	155	149	159	143	138	145.4
District H, total	290	10,802	138	119	145	146	162	157	140	147	147	149	154	128	146.2
Montana	8	265	156	158	114	144	132	127	173	164	162	144	148	142	150.0
Idaho	27	657	138	134	127	138	155	150	155	172	161	154	148	120	151.6
Washington	125	5,817	142	125	149	140	161	158	132	140	143	149	154	126	144.5
Oregon	123	3,870	133	109	144	157	165	159	142	148	148	145	156	130	146.3
California and Arizona	7/7	193	136	143	119	145	176	183	173	193	181	186	153	166	171.1
By size of plant															
1 to 5 wage earners	110	428	146	134	140	144	153	148	144	151	146	140	149	138	145.2
6 to 20	205	2,179	137	128	139	136	150	149	141	138	142	140	143	137	140.5
21 to 50	123	4,003	142	131	143	144	153	154	148	151	152	146	154	137	147.2
51 to 100	51	3,568	143	114	131	143	157	156	144	150	149	153	154	129	145.6
101 to 500	36	6,618	154	147	166	150	167	164	153	160	157	158	161	134	155.9
For footnotes on the Logging Camps and Logging Contractors industry, see page 45.															

For footnotes on the Logging Camps and Logging Contractors industry, see page 45.

SAWMILLS, VENEER MILLS, AND COOPERAGE-STOCK MILLS, INCLUDING THOSE COMBINED WITH LOGGING CAMPS AND WITH PLANING MILLS															
Total for man-hour tabulations	1/4,535	1/214,599	159	149	164	158	168	167	160	171	165	170	164	153	162.5
The North (Districts A, B, C, and D)	934	20,276	166	158	166	161	166	169	163	171	169	172	169	165	166.3
The South (Districts E, F, and G)	2,764	116,176	159	153	165	160	168	164	161	168	165	169	161	155	162.5
The West (District H)	837	78,147	156	138	162	154	169	171	157	175	164	171	166	146	161.6
By districts and States															
District A, total	285	4,923	170	163	170	170	175	179	170	174	177	178	172	177	173.0
Maine	109	2,039	163	161	166	167	173	175	165	174	174	172	161	169	168.1
New Hampshire	62	982	184	167	172	166	169	170	174	170	176	177	177	178	173.2
Vermont	63	1,279	173	170	176	178	184	199	176	177	183	194	186	196	182.7
Massachusetts	41	542	169	160	172	167	175	169	168	181	185	172	169	171	171.6
Rhode Island and Connecticut	2/10	81	144	118	146	160	165	143	156	149	151	140	161	152	148.7
District B, total	219	2,489	163	159	160	159	163	166	164	168	165	166	164	159	163.1
New York	66	886	175	170	160	159	150	164	164	153	161	159	156	161	160.6
New Jersey	15	258	163	163	150	182	181	171	170	184	175	189	188	190	176.6
Pennsylvania	138	1,345	156	151	163	155	169	167	162	174	165	166	165	152	162.2
District C, total	321	10,557	166	158	166	160	165	167	162	172	170	173	171	165	166.4
Michigan	68	3,608	174	160	173	160	167	168	165	178	174	181	179	172	171.5
Ohio	73	615	162	156	165	156	162	159	158	164	164	163	158	157	160.3
Indiana	76	1,339	155	151	165	151	165	168	161	173	173	175	177	169	165.7
Illinois	17	396	134	125	122	129	147	135	135	160	141	141	138	121	136.2
Wisconsin	87	4,599	167	161	165	165	165	169	162	169	170	169	167	163	166.1
District D, total	109	2,307	155	147	161	152	157	156	151	159	155	164	159	140	155.2
Minnesota	29	521	184	167	181	163	168	156	164	188	176	178	181	165	172.1
South Dakota	14	382	170	163	176	168	170	168	162	179	172	178	168	168	170.1
Iowa, Missouri, and Kansas	3/66	1,404	140	134	150	144	148	151	141	142	143	156	150	139	144.9
District E, total	1,044	29,186	148	146	160	156	163	160	158	162	162	166	157	150	157.4
Delaware	8	74	125	122	133	140	132	132	125	121	138	145	137	136	132.2
Maryland	28	369	157	154	167	162	176	164	167	164	169	147	138	132	157.7
West Virginia	106	4,387	164	152	169	157	166	166	162	174	171	171	169	161	165.4
Virginia	342	8,851	146	148	159	159	170	166	159	161	164	169	155	145	158.5
North Carolina	368	9,437	149	144	157	155	156	156	158	157	163	157	150	154	154.8
Kentucky	63	2,454	150	149	157	154	162	154	158	166	164	174	158	150	158.3
Tennessee	129	3,614	129	139	159	150	156	155	154	163	160	160	152	149	152.0
District F, total	1,539	73,293	161	153	165	160	166	164	160	167	164	168	162	155	161.9
South Carolina	185	7,542	160	150	161	160	172	162	156	170	163	165	163	155	161.5
Georgia	304	6,435	149	145	153	153	154	154	152	154	153	153	154	148	151.8
Florida	112	9,458	168	158	170	162	170	162	152	167	161	168	161	152	162.5
Alabama	359	11,776	147	140	153	150	155	156	152	152	156	161	153	152	152.3
Mississippi	223	10,997	164	157	167	164	167	164	167	171	165	169	161	155	164.1
Louisiana	145	14,351	170	161	171	163	173	170	169	173	173	175	171	160	169.1
Arkansas	211	12,734	161	155	169	162	169	171	162	174	167	173	163	158	165.5

TABLE 4.---AVERAGE MAN-HOURS PER WAGE EARNER, BY MONTHS, BY DISTRICTS AND STATES AND BY SIZE CLASSES,
FOR SELECTED ESTABLISHMENTS IN 171 INDUSTRIES: 1939---Continued

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District, State, and class	Estab-lish-ments	Wage earners (average for year)	Monthly average hours per wage earner												
			Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	For year
SAWMILLS, VENEER MILLS, AND COOPERAGE-STOCK MILLS, INCLUDING THOSE COMBINED WITH LOGGING CAMPS AND WITH PLANING MILLS---Continued															
District G, total	181	13,697	174	167	181	175	185	177	177	186	180	182	169	168	176.7
Oklahoma	21	1,611	160	146	168	160	171	166	165	167	162	172	152	153	161.7
Texas	160	12,086	176	170	182	177	187	178	179	188	183	183	171	170	178.7
District H, total	837	78,147	156	138	162	154	169	171	157	175	164	171	166	146	161.6
Montana	40	1,887	149	144	146	143	164	162	159	170	160	173	164	152	157.9
Idaho	63	5,192	163	146	154	151	162	166	159	177	169	166	166	151	162.7
Wyoming	36	620	148	156	172	163	172	172	179	173	174	177	175	173	170.8
Colorado	46	668	144	134	147	161	162	160	160	173	159	163	164	161	159.9
Utah	6	35	200	73	79	107	128	102	126	151	130	149	158	177	136.6
New Mexico	24	849	160	143	157	146	163	158	157	162	156	164	157	150	156.6
Arizona	11	1,085	168	165	178	180	208	206	180	205	189	210	203	172	189.8
Washington	249	26,748	152	134	159	147	160	167	149	164	151	163	160	143	154.4
Oregon	264	25,504	156	141	163	160	172	169	158	179	167	173	165	142	162.8
California	98	15,559	164	134	172	158	180	181	164	186	174	181	174	152	170.1
By size of plant															
1 to 5 wage earners	636	2,468	135	134	140	139	147	147	144	148	147	147	144	139	142.8
6 to 20	2,186	24,942	133	130	140	139	144	144	141	145	145	144	142	138	140.8
21 to 50	815	25,880	149	142	154	152	155	156	153	160	159	159	155	148	153.6
51 to 100	422	29,983	158	154	166	161	169	170	164	174	170	171	167	159	165.5
101 to 500	422	90,486	166	155	171	164	177	173	165	178	171	178	169	159	169.0
501 to 2,500	54	40,840	165	146	170	161	172	174	161	178	164	177	169	150	166.0
For footnotes on the Sawmills, Veneer Mills, and Cooperage-Stock Mills industry, see page 46.															
PLANING MILLS NOT OPERATED IN CONJUNCTION WITH SAWMILLS															
Total for man-hour tabulations	1,171	1,48,000	164	160	174	165	172	176	170	180	175	179	176	167	171.7
The North (Districts A, B, C, and D)	829	21,608	165	163	179	163	169	181	173	187	178	183	181	171	174.8
The South (Districts E, F, and G)	628	17,787	163	159	167	169	175	174	173	178	175	177	174	166	171.0
The West (District H)	314	8,605	163	152	177	161	172	166	158	169	165	175	167	160	165.5
By districts and States															
District A, total	128	1,987	166	158	174	171	178	177	176	185	179	175	177	179	175.0
Maine	20	344	174	167	174	179	177	186	183	189	186	179	173	181	179.2
New Hampshire	9	187	169	166	190	169	178	191	199	191	196	195	200	200	187.5
Vermont	7	122	150	138	150	148	149	160	158	169	165	146	137	156	152.3
Massachusetts	60	778	164	157	177	166	186	175	168	186	175	170	179	171	173.1
Rhode Island	8	135	180	168	175	173	181	177	164	195	171	179	165	171	174.9
Connecticut	24	421	159	152	169	179	172	174	185	180	182	181	183	191	176.1
District B, total	270	3,803	154	156	177	166	170	177	165	176	170	175	173	164	168.8
New York	109	1,540	155	162	180	169	173	182	166	176	172	177	175	164	171.3
New Jersey	33	405	161	150	179	169	161	173	172	179	176	172	178	172	170.4
Pennsylvania	128	1,858	153	152	174	162	169	173	163	175	166	174	171	162	166.3
District C, total	302	10,055	167	165	178	164	174	182	175	189	181	186	182	173	176.7
Michigan	43	1,251	166	158	171	169	165	172	171	192	174	179	176	179	173.3
Ohio	60	1,258	157	155	173	172	167	178	178	175	178	179	173	171	171.6
Indiana	43	963	144	161	192	168	170	201	172	191	200	184	195	184	181.3
Illinois	91	2,865	168	164	180	169	180	176	171	182	174	182	176	170	174.5
Wisconsin	65	3,718	175	171	177	155	175	187	180	197	185	195	187	171	180.1
District D, total	129	5,763	169	167	184	158	155	184	174	191	180	185	184	169	175.3
Minnesota	38	1,395	159	163	173	155	172	183	165	193	171	185	183	149	171.2
North Dakota and South Dakota	2/9	156	171	166	182	171	174	187	184	177	193	181	178	181	179.2
Iowa	22	2,881	178	174	193	155	138	186	181	198	183	188	188	177	178.7
Missouri	37	985	158	158	176	164	165	180	164	172	175	170	172	162	168.1
Nebraska	9	208	156	150	173	164	183	191	172	195	199	203	211	198	184.2
Kansas	14	138	169	154	178	171	188	189	184	191	180	187	177	179	179.5
District E, total	266	7,821	164	161	175	170	175	176	176	181	179	181	176	167	173.9
Delaware and Maryland	3/38	647	178	176	195	179	185	188	185	189	189	191	182	178	184.8
District of Columbia	4	52	181	156	194	159	181	190	135	167	194	175	172	179	173.6
West Virginia	19	327	155	150	162	159	163	160	168	172	190	175	158	161	164.7
Virginia	52	1,372	166	164	180	176	187	182	184	186	189	179	175	168	178.3
North Carolina	83	2,197	153	152	165	161	164	173	165	171	173	167	170	164	165.0
Kentucky	21	600	170	171	178	178	177	179	183	185	180	181	186	179	179.1
Tennessee	49	2,626	168	162	178	174	178	175	180	186	174	190	181	164	176.2
District F, total	268	8,069	161	158	158	167	175	172	171	175	171	174	172	163	168.4
South Carolina	31	599	168	163	171	171	175	179	173	175	177	171	171	170	172.1
Georgia	63	1,346	162	161	172	170	180	182	175	176	172	177	172	173	172.7
Florida	47	624	182	178	185	184	181	182	182	179	185	188	189	182	183.2
Alabama	45	1,129	144	140	155	158	161	160	161	154	169	165	162	153	157.2
Mississippi	39	1,978	147	147	165	156	173	157	162	171	162	161	164	150	160.3
Louisiana	26	1,293	175	172	177	179	178	185	180	193	185	182	179	171	179.8
Arkansas	17	1,100	168	158	94	166	181	178	171	178	166	189	178	160	165.2

TABLE 4.---AVERAGE MAN-HOURS PER WAGE EARNER, BY MONTHS, BY DISTRICTS AND STATES AND BY SIZE CLASSES,
FOR SELECTED ESTABLISHMENTS IN 171 INDUSTRIES: 1939--Continued

District, State, and class	Estab-lish-ments	Wage earners (average for year)	Monthly average hours per wage earner												For year
			Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	
BASKETS FOR FRUITS AND VEGETABLES															
Total for man-hour tabulations	1/110	1,6,822	141	139	155	154	161	165	164	167	166	163	148	132	156.5
The North (Districts A, B, and C)	58	2,190	135	136	155	163	162	174	180	177	176	161	144	122	161.8
The South (Districts D, E, and F)	46	4,530	142	141	155	156	160	160	156	161	160	165	150	136	153.7
The West (District G)	6	102	145	142	169	191	179	177	180	168	172	156	143	174	167.8
By districts and States															
District A, total	24	873	130	154	162	170	167	169	177	172	178	165	135	114	162.7
Massachusetts and New York	2/15	445	133	144	155	156	172	166	169	178	167	166	141	132	162.4
New Jersey	9	428	127	165	170	185	163	173	187	169	165	192	165	131	163.0
District B, total	26	1,204	137	124	152	160	159	178	183	181	177	164	155	129	163.1
Michigan	5	306	157	113	165	189	199	233	208	193	180	182	172	151	185.4
Ohio	12	322	115	136	144	158	157	163	173	176	168	166	161	139	159.9
Indiana	4	377	133	123	141	137	122	142	181	169	188	157	132	116	150.0
Illinois and Wisconsin	2/5	199	147	125	157	159	162	175	168	192	163	145	148	121	158.7
District C---Minn., Iowa, Mo., Nebr., and Kans.	4/8	113	143	133	132	137	153	163	162	173	154	102	100	102	141.6
District D, total	24	2,573	143	140	161	158	173	165	165	163	163	172	156	140	160.0
Pennsylvania and Delaware	5/4	437	144	128	168	164	188	159	191	163	171	192	133	127	161.5
Maryland	7	572	147	142	161	146	158	155	159	159	151	163	144	131	151.4
Virginia and North Carolina	6/10	1,427	141	144	160	163	175	169	159	164	166	171	175	152	162.7
Kentucky and Tennessee	7/3	137	125	116	149	156	167	171	174	174	169	163	149	141	162.2
District E, total	11	779	135	146	145	134	136	139	130	137	133	140	131	127	136.4
South Carolina and Georgia	8/7	594	136	132	121	129	126	134	133	132	131	124	128	127	129.3
Florida, Alabama, and Mississippi	9/4	185	134	175	202	155	182	171	112	172	153	177	138	127	159.4
District F---Arkansas and Texas	10/11	1,178	146	137	151	141	148	164	153	165	160	157	152	135	151.2
District G---Idaho and California	11/6	102	145	142	169	191	179	177	180	168	172	156	143	174	167.8
By size of plant															
1 to 20 wage earners	29	247	140	134	129	147	148	148	145	151	152	148	141	135	144.3
21 to 100	60	2,960	138	147	157	154	155	166	171	175	171	157	140	127	157.1
101 to 500	21	3,615	143	134	156	154	166	165	161	162	163	169	156	137	156.8
For footnotes on the Baskets for Fruits and Vegetables industry, see page 49.															

For footnotes on the Baskets for Fruits and Vegetables industry, see page 49.

RATTAN AND WILLOWWARE (EXCEPT FURNITURE) AND BASKETS OTHER THAN VEGETABLE AND FRUIT BASKETS																
Total for man-hour tabulations	1/31	1/1,212	154	161	166	173	170	165	167	170	170	166	159	173	166.2	
The North (First 3 groups of States below)	26	1,072	156	160	169	173	169	165	167	165	171	167	161	175	166.5	
The South (4th group)	5	140	141	165	125	166	179	166	167	201	167	159	145	157	163.6	
<u>By districts and States</u>																
N. H., Mass., R. I., and Conn.	2/6	107	155	151	174	168	181	179	155	173	180	171	159	168	168.2	
New York, New Jersey, and Pennsylvania	3/10	331	150	151	166	185	164	155	183	156	187	166	160	201	169.0	
Mich., Ohio, Ind., Ill., Iowa, and Wash.	4/10	634	159	167	170	168	169	167	162	168	160	166	163	161	164.9	
Maryland, North Carolina, and Texas	5/5	140	141	165	125	166	179	166	167	201	167	159	145	157	163.6	
<u>By size of plant</u>																
1 to 20 wage earners	19	209	153	141	157	157	162	162	157	162	167	154	150	169	157.8	
21 to 100	9	438	156	165	160	177	177	169	172	179	179	170	161	176	170.5	
101 to 500	3	565	154	164	171	175	167	163	167	165	164	167	161	172	166.0	
For Footnotes on the Rattan and Willowware (except Furniture) industry, see page 49.																

For Footnotes on the Rattan and Willowware (except Furniture) industry, see page 49.

CIGAR BOXES, WOODEN OR PART WOODEN																
Total for man-hour tabulations	1/47	1/2,559	121	132	151	136	147	157	148	170	160	160	163	128	148.0	
The North (Districts A, B, and C)	33	1,581	124	138	152	143	159	166	154	175	164	164	171	135	154.4	
The South (District D)	10	931	115	120	138	123	125	140	134	161	151	151	151	114	135.4	
The West (District E)	4	47	173	162	203	171	172	177	176	189	188	190	169	181	179.6	
By districts and States																
District A---N. H., Mass., and Conn.	2/4	83	130	115	151	128	155	201	171	206	149	144	155	131	154.0	
District B, total	21	1,275	122	140	162	143	158	164	153	174	164	163	172	133	154.4	
New York	3	154	118	119	162	139	166	194	144	202	172	179	198	150	162.0	
New Jersey	3	409	133	141	164	146	164	174	158	172	155	161	158	151	154.9	
Pennsylvania	15	712	116	145	160	143	152	151	152	170	167	161	174	130	152.4	
District C, total	8	223	132	133	139	147	165	164	157	168	170	174	168	145	154.9	
Michigan and Ohio	2/5	189	125	131	132	135	160	159	154	166	168	171	165	139	150.3	
Indiana, Illinois, and Wisconsin	4/3	34	172	146	177	203	190	187	173	179	182	189	181	185	180.3	
District D, total	10	931	115	120	138	123	125	140	134	161	151	151	151	114	135.4	
Maryland, West Virginia, and North Carolina	5/3	69	158	146	179	164	168	185	156	190	157	171	172	145	165.9	
South Carolina, Florida, and Louisiana	6/7	862	110	117	135	120	122	136	133	159	151	150	149	112	133.0	
District E---Minnesota, Missouri, California	7/4	47	173	162	203	171	172	177	176	189	188	190	169	181	179.6	
By size of plant																
1 to 20 wage esmers	16	174	145	144	151	150	149	149	131	156	151	158	156	133	147.0	
21 to 100	21	841	132	140	162	143	158	164	153	174	164	163	169	172	144	156.4
101 to 500	10	1,544	113	120	140	131	139	151	145	167	159	155	160	118	143.5	

For footnotes on the Cigar Boxes industry, see page 50.

TABLE 4.---AVERAGE MAN-HOURS PER WAGE EARNER, BY MONTHS, BY DISTRICTS AND STATES AND BY SIZE CLASSES,
FOR SELECTED ESTABLISHMENTS IN 171 INDUSTRIES: 1939---Continued

District, State, and class	Estab- lish- ments	Wage earners (average for year)	Monthly average hours per wage earner												
			Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	For year
WOODEN BOXES EXCEPT CIGAR BOXES															
Total for man-hour tabulations	1/423	1/20,407	156	151	170	158	169	171	158	172	164	170	168	159	164.0
The North (Districts A, B, C, and D)	242	8,065	159	158	172	160	174	178	163	176	171	182	177	163	169.8
The South (Districts E, F, and G)	94	9,136	154	148	171	154	165	163	152	163	157	162	166	160	159.7
The West (District H)	87	3,206	150	139	165	165	167	173	161	181	168	163	150	146	161.6
By districts and States															
District A, total	60	2,475	169	169	180	170	181	185	180	196	190	196	189	170	181.7
Maine	6	433	193	188	190	179	188	191	185	194	195	199	194	184	190.3
New Hampshire and Vermont	2/15	970	161	169	180	187	175	188	190	206	196	203	188	174	185.7
Massachusetts	30	816	164	159	174	153	183	180	173	187	185	188	184	160	174.4
Rhode Island and Connecticut	3/9	256	171	166	181	151	184	177	160	190	169	189	197	163	175.2
District B, total	61	1,277	149	145	163	153	162	168	151	162	161	180	170	155	160.3
New York	30	534	144	144	167	152	158	166	162	167	167	187	180	164	163.6
New Jersey	12	325	156	147	160	152	160	145	142	151	157	171	159	149	154.1
Pennsylvania	19	418	149	145	161	155	170	187	145	162	157	179	166	149	160.8
District C, total	94	3,600	153	155	168	156	173	176	157	169	163	172	169	161	164.6
Michigan	16	472	159	166	172	161	174	151	163	164	161	168	157	171	163.9
Ohio	21	638	159	158	179	156	164	166	156	160	166	175	167	155	163.4
Indiana	11	284	149	151	159	149	167	166	155	165	151	165	173	148	158.8
Illinois	25	1,372	151	151	164	160	177	185	148	172	167	171	175	157	165.2
Wisconsin	21	834	148	155	166	147	175	186	169	172	160	180	165	171	166.8
District D, total	27	713	171	154	176	163	179	185	162	167	162	181	188	164	171.5
Minnesota	11	212	168	158	177	152	166	160	156	147	149	191	205	187	169.2
Iowa and Missouri	4/10	358	166	150	175	172	186	201	172	184	173	186	182	148	175.5
South Dakota, Nebraska, and Kansas	5/6	143	186	159	178	155	175	175	145	158	155	153	175	170	165.1
District E, total	40	1,915	149	142	161	157	178	183	162	171	163	171	173	155	164.3
Delaware, Maryland, and West Virginia	6/16	597	160	156	181	172	180	193	178	190	182	192	191	188	180.7
Virginia and North Carolina	7/11	451	155	150	172	160	178	180	167	179	167	183	177	156	168.8
Kentucky and Tennessee	8/13	867	138	125	142	145	177	180	149	155	148	153	150	126	150.7
District F, total	41	6,234	155	149	172	152	162	153	150	163	159	162	165	163	158.9
South Carolina	4	517	169	178	172	173	165	161	156	170	162	176	168	149	166.5
Georgia	6	1,778	157	148	179	148	154	150	137	152	148	160	156	172	155.4
Florida	11	1,932	158	151	175	157	167	146	159	157	156	151	169	163	159.5
Alabama	5	240	174	164	177	174	184	180	178	184	185	179	178	173	177.7
Mississippi and Louisiana	9/11	1,535	143	135	161	143	155	154	152	175	169	176	167	155	156.7
Arkansas	4	232	145	154	176	147	187	166	145	153	175	143	155	176	159.7
District G---Texas	13	987	159	151	178	159	155	180	143	149	123	140	167	153	155.9
District H, total	87	3,206	150	139	165	165	167	173	161	181	168	163	150	146	161.6
Colorado	3	61	152	137	170	148	170	169	160	176	155	163	166	166	161.2
Idaho, Utah, and Arizona	10/8	188	182	171	202	187	173	179	180	194	189	187	190	193	185.3
Washington	14	797	135	116	144	147	158	163	144	180	158	148	141	133	148.5
Oregon	13	572	152	153	169	156	168	171	156	171	161	176	159	149	162.0
California	49	1,588	152	142	168	176	170	177	169	184	174	164	147	144	165.2
By size of plant															
1 to 20 wage earners	198	1,888	148	145	167	157	160	168	151	162	168	161	157	154	158.6
21 to 100	170	8,324	158	154	171	162	170	175	166	175	171	176	173	162	168.1
101 to 500	55	10,195	155	149	170	155	169	168	153	170	157	167	167	158	161.6

For footnotes on the Wooden Boxes except Cigar Boxes industry, see page 51.

UPHOLSTERED HOUSEHOLD FURNITURE																
Total for man-hour tabulations	1/510	1/23,103	153	157	169	157	158	158	155	168	167	172	171	164	162.8	
The North (Districts A, B, C, and D)	341	15,093	149	156	168	157	158	159	153	163	166	171	171	166	161.5	
The South (Districts E, F, and G)	88	5,700	163	160	174	156	159	156	160	181	170	178	175	160	166.4	
The West (District H)	81	2,310	158	159	168	155	157	156	159	167	161	170	166	165	162.0	
<u>By districts and States</u>																
District A, total	57	1,376	157	156	175	160	159	163	159	172	174	167	171	167	165.1	
Maine and New Hampshire	2/3	125	197	187	221	171	174	211	213	166	231	184	192	186	193.8	
Massachusetts	36	843	154	156	171	162	156	157	157	178	172	164	170	166	163.8	
Rhode Island and Connecticut	3/18	408	150	145	168	152	161	162	145	161	164	167	169	164	159.2	
District B, total	130	4,608	141	148	161	149	148	154	146	151	162	166	163	163	154.7	
New York	79	3,225	140	146	160	149	150	153	151	152	164	165	160	163	154.7	
New Jersey	12	366	164	164	166	151	141	174	151	165	175	174	167	168	163.8	
Pennsylvania	39	1,017	136	146	162	148	146	152	127	145	152	165	169	163	151.4	
District C, total	123	8,010	151	159	170	161	163	160	156	168	167	175	174	167	164.5	
Michigan	28	1,185	164	168	178	159	166	171	167	176	172	179	178	175	171.2	
Ohio	29	1,400	148	170	176	159	169	159	154	171	171	183	178	167	167.4	
Indiana	24	1,759	155	166	181	170	170	174	156	175	169	180	194	176	172.7	
Illinois	29	2,906	147	149	160	160	159	155	154	159	162	165	161	160	157.8	
Wisconsin	13	760	136	147	162	148	145	131	152	166	169	179	165	161	155.4	

TABLE 4.---AVERAGE MAN-HOURS PER WAGE EARNER, BY MONTHS, BY DISTRICTS AND STATES AND BY SIZE CLASSES,
FOR SELECTED ESTABLISHMENTS IN 171 INDUSTRIES: 1939---Continued

District, State, and class	Estab- lish- ments	Wage earners (average for year)	Monthly average hours per wage earner												
			Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	For year
UPHOLSTERED HOUSEHOLD FURNITURE---Continued															
District D, total	31	1,099	156	164	168	160	164	167	154	166	166	167	174	166	164.4
Minnesota and Iowa	4/12	515	155	162	170	164	163	169	152	169	164	170	159	154	162.6
Missouri	13	386	158	166	169	160	167	167	156	165	167	165	202	200	170.5
Nebraska and Kansas	5/6	198	158	163	161	151	162	161	154	159	168	163	157	130	157.2
District E, total	61	4,342	164	159	175	156	158	156	160	183	171	180	178	160	167.0
Maryland, West Virginia, and Virginia	6/24	786	179	162	178	165	174	174	167	184	165	181	168	169	171.1
North Carolina	25	2,742	168	158	170	153	158	155	161	182	174	182	182	162	167.3
Kentucky	4	116	170	181	192	181	191	191	172	176	179	174	170	172	178.9
Tennessee	8	698	131	157	193	155	134	136	146	187	165	171	175	142	158.1
District F, total	17	957	166	167	170	162	164	160	166	176	173	178	172	163	168.3
Georgia	7	252	170	177	172	167	173	172	177	182	177	179	177	174	175.1
South Carolina, Florida, Alabama, and Louisiana	7/7	243	171	175	185	165	181	179	158	191	189	182	204	189	180.8
Arkansas	3	462	162	157	161	158	150	142	164	165	163	176	153	144	158.1
District G---Oklahoma and Texas	8/10	401	149	151	168	148	160	151	144	172	155	157	160	149	155.6
District H, total	81	2,310	158	159	168	155	157	156	159	167	161	170	166	165	162.0
Colorado and Utah	2/4	129	153	157	160	151	172	162	157	162	156	154	168	152	158.7
Washington and Oregon	10/24	436	159	155	175	150	152	153	142	164	165	176	173	169	161.5
California	53	1,745	159	161	167	156	157	156	164	168	161	169	164	165	162.3
By size of plant															
1 to 20 wage earners	259	2,529	144	147	159	146	150	152	143	155	157	159	160	159	152.8
21 to 100	189	8,747	152	159	174	158	160	163	154	170	169	175	174	170	165.0
101 to 500	58	9,531	154	158	170	158	159	156	159	170	168	175	174	162	163.8
501 to 2,500	4	2,296	162	156	164	161	160	154	159	166	163	168	160	157	160.9
For footnotes on the Upholstered Household Furniture industry, see page 52.															

For footnotes on the Upholstered Household Furniture industry, see page 52.

HOUSEHOLD FURNITURE EXCEPT UPHOLSTERED															
Total for man-hour tabulations	1/932	1,772,411	164	160	171	162	167	166	165	177	174	180	176	166	169.4
The North (Districts A, B, C, and D)	613	40,758	162	158	169	162	166	166	165	176	175	182	175	170	169.3
The South (Districts E, F, and G)	198	26,268	167	166	176	162	171	169	168	179	176	179	178	162	171.1
The West (District H)	121	5,385	159	155	172	156	145	161	148	176	161	174	167	157	161.1
By districts and States															
District A, total	82	3,643	168	165	179	171	163	171	167	181	183	183	181	174	174.0
Maine and New Hampshire	2/13	704	167	165	184	181	173	195	167	194	175	182	182	178	178.6
Vermont	9	583	170	160	187	151	155	170	168	189	182	195	197	166	174.7
Massachusetts	48	2,146	166	164	175	173	162	163	165	173	184	178	175	174	171.3
Connecticut	12	210	180	177	185	175	174	179	181	184	196	199	193	180	184.2
District B, total	225	11,447	158	155	168	159	167	166	169	177	173	181	174	176	169.4
New York	136	4,890	159	154	167	162	166	164	170	182	177	178	173	177	169.7
New Jersey	13	963	156	162	179	164	173	178	160	182	174	183	185	186	174.5
Pennsylvania	76	5,594	158	154	168	156	166	166	170	172	169	183	174	172	168.2
District C, total	272	24,611	162	158	168	162	166	165	163	176	175	182	176	167	168.8
Michigan	61	5,654	161	156	165	162	162	159	161	172	175	176	172	174	166.7
Ohio	26	1,418	174	155	167	155	168	170	157	185	161	177	188	165	168.7
Indiana	73	7,804	158	155	162	156	160	161	156	174	170	183	181	169	166.6
Illinois	88	7,295	165	161	174	175	173	168	171	176	184	187	172	163	172.8
Wisconsin	24	2,440	166	161	175	151	175	176	163	186	174	180	168	154	169.1
District D, total	34	1,057	150	163	155	164	169	172	165	156	178	176	166	153	164.2
Minnesota	16	276	161	161	175	162	166	170	153	170	173	171	179	152	166.3
Iowa, South Dakota, Nebraska, and Kansas	3/9	457	151	170	135	170	175	182	169	139	185	183	174	153	165.7
Missouri	9	324	139	155	163	160	163	159	170	167	172	171	143	154	160.2
District E, total	138	21,768	167	166	174	161	172	169	166	179	176	179	179	162	171.0
Maryland	14	515	188	168	192	182	185	170	168	188	172	186	192	182	180.9
West Virginia and Virginia	4/25	6,066	169	170	175	162	173	170	167	185	181	181	175	153	171.8
North Carolina	63	10,820	166	167	173	161	170	168	166	177	174	175	178	163	170.0
Kentucky	22	2,439	162	160	175	159	177	173	168	176	181	190	206	180	176.3
Tennessee	14	1,928	170	154	168	154	168	163	165	174	166	173	161	156	164.3
District F, total	51	3,751	167	165	188	169	174	168	177	184	176	181	172	161	173.6
South Carolina	5	246	183	167	197	165	192	184	178	197	178	165	163	158	177.0
Georgia	13	1,098	161	167	178	161	173	175	167	188	178	180	172	159	171.9
Florida	9	194	176	169	194	181	188	174	178	189	173	187	190	191	182.7
Alabama and Mississippi	5/3	85	141	155	164	176	189	190	172	182	123	125	157	177	161.6
Louisiana	11	392	173	168	198	178	195	191	176	208	183	206	200	168	187.3
Arkansas	10	1,736	168	163	192	171	164	154	183	175	175	182	164	155	170.6
District G---Texas	9	749	167	161	169	162	147	166	177	160	167	169	164	161	164.3
District H, total	121	5,385	159	155	172	156	145	161	148	176	161	174	167	157	161.1
Colorado, Utah, Washington, and Oregon	6/29	2,779	156	152	168	146	125	153	135	171	154	166	158	144	152.3
California	92	2,606	162	159	175	166	168	170	163	181	167	183	177	171	170.4

TABLE 4.---AVERAGE MAN-HOURS PER WAGE EARNER, BY MONTHS, BY DISTRICTS AND STATES AND BY SIZE CLASSES,
FOR SELECTED ESTABLISHMENTS IN 171 INDUSTRIES: 1939---Continued

District, State, and class	Estab- lish- ments	Wage earners (average for year)	Monthly average hours per wage earner												For year
			Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	

HOUSEHOLD FURNITURE EXCEPT UPHOLSTERED---Continued															
<u>By size of plant</u>															
1 to 20 wage earners	366	3,449	156	155	169	163	162	164	157	170	168	171	172	171	165.3
21 to 100	341	16,725	161	159	173	162	165	166	163	174	171	178	176	170	168.5
101 to 500	211	42,260	166	163	173	165	169	167	169	179	178	181	174	166	171.0
501 to 2,500	14	9,977	159	156	162	147	159	163	153	177	166	185	184	158	165.2
For footnotes on the Household Furniture except Upholstered industry, see page 53.															
OFFICE FURNITURE															
Total for man-hour tabulations	1/99	1/10,555	165	166	185	168	174	179	158	179	171	177	174	172	172.3
The North (Districts A, B, and C)	85	9,904	165	166	185	169	174	179	158	178	170	177	174	173	172.4
The South (District D)	5	533	160	162	169	161	180	177	160	185	185	182	181	150	170.8
The West (District E)	9	118	173	171	182	161	168	172	165	178	170	172	177	158	170.7
<u>By districts and States</u>															
District A, total	31	3,666	165	167	189	175	176	185	158	173	173	174	174	177	173.8
Massachusetts and New York	2/21	2,960	162	165	188	172	179	187	158	175	178	177	179	183	175.4
New Jersey and Pennsylvania	3/10	706	175	173	197	187	159	175	158	164	151	160	152	156	166.7
District B, total	46	5,986	165	165	183	164	172	176	157	180	169	178	173	171	171.2
Michigan	11	1,202	186	185	192	186	187	192	153	190	187	189	187	181	184.7
Ohio and Indiana	4/19	3,504	160	163	181	161	170	172	155	178	163	175	169	169	168.1
Illinois and Wisconsin	5/16	1,280	159	152	177	154	164	172	164	177	169	177	171	166	167.0
District C---Minnesota, Iowa, Missouri, Kansas	6/8	252	182	173	195	181	184	187	180	200	172	187	177	170	182.2
District D---W. Va., N. C., and Tex.	7/5	533	160	162	169	161	180	177	160	185	185	182	181	150	170.8
District E---Oregon and California	8/9	118	173	171	182	161	168	172	165	178	170	172	177	158	170.7
<u>By size of plant</u>															
1 to 20 wage earners	25	263	157	162	174	158	169	175	155	176	177	172	171	182	169.0
21 to 100	40	1,941	168	164	182	163	174	171	162	175	165	173	175	171	170.4
101 to 500	31	5,953	166	167	186	172	174	181	162	177	175	178	176	175	174.1
501 to 2,500	3	2,398	162	166	184	164	175	180	147	185	164	177	170	165	169.8
For footnotes on the Office Furniture industry, see page 53.															
PUBLIC-BUILDING FURNITURE															
Total for man-hour tabulations	1/76	1/5,163	158	159	185	164	168	180	154	183	190	181	182	170	173.2
The North (Districts A, B, and C)	62	4,556	155	158	185	163	165	179	150	179	189	179	181	169	171.3
The South (District D)	8	518	188	167	190	170	195	190	194	217	198	197	193	178	190.7
The West (District E)	6	89	160	149	178	160	162	181	161	177	179	180	173	177	169.7
<u>By districts and States</u>															
District A, total	27	2,348	154	155	190	162	162	180	158	169	195	170	182	167	170.6
Vermont, Massachusetts, and Connecticut	2/9	1,638	152	153	191	155	155	182	151	162	196	164	190	160	167.6
New York and Pennsylvania	3/18	710	157	161	189	179	181	176	176	187	193	182	167	183	177.7
District B, total	31	2,129	157	161	180	164	167	177	140	188	183	189	180	171	171.9
Michigan and Ohio	4/12	1,342	148	157	178	159	174	174	120	184	172	179	173	167	165.9
Indiana	4	317	189	180	200	168	135	180	184	208	210	212	195	183	188.3
Illinois and Wisconsin	5/15	470	162	159	171	174	169	183	163	185	194	201	191	176	178.1
District C---Minnesota, Iowa, and Kansas	6/4	79	164	166	171	171	176	176	173	174	184	189	160	161	172.1
District D---Va., N. C., Ky., Tenn., Ga., Okla., and Tex.	7/8	518	188	167	190	170	195	190	194	217	198	197	193	178	190.7
District E---Utah and California	8/6	89	160	149	178	160	162	181	161	177	179	180	173	177	169.7
<u>By size of plant</u>															
1 to 20 wage earners	37	393	157	158	174	153	162	170	163	175	176	176	172	170	167.3
21 to 100	31	1,486	161	160	178	174	172	178	165	177	183	187	181	177	174.8
101 to 2,500	9/8	3,284	157	158	190	160	166	182	149	186	195	179	184	167	173.2
For footnotes on the Public-Building Furniture industry, see page 54.															
LABORATORY, HOSPITAL, AND OTHER PROFESSIONAL FURNITURE															
Total for man-hour tabulations	1/51	1/2,389	162	159	173	164	176	174	160	184	176	179	171	170	170.9
The North (Districts A, B, and C)	45	2,323	162	158	173	164	176	173	159	184	175	179	170	170	170.5
The West (District D)	6	66	163	182	176	176	184	184	190	185	197	198	203	189	185.8
<u>By districts and States</u>															
District A, total	18	382	158	154	163	155	145	170	158	165	172	165	161	176	161.8
Massachusetts and New York	2/14	271	159	163	177	159	151	184	159	174	174	174	170	183	168.6
New Jersey and Pennsylvania	3/4	111	156	132	126	144	132	137	153	145	168	144	140	162	145.0
District B, total	20	1,725	162	159	175	164	181	173	158	189	175	181	171	168	171.6
Michigan	3	504	161	161	176	165	187	185	158	190	178	183	169	174	173.5
Ohio	3	121	156	156	175	159	153	166	157	169	167	163	172	162	172.3
Indiana	6	165	159	159	162	171	162	157	168	184	211	180	167	191	173.0
Illinois and Wisconsin	4/8	935	165	159	177	163	185	170	156	191	168	182	173	167	171.4
District C---Minnesota, Missouri, and Texas	5/7	216	168	155	185	175	189	183	171	178	180	186	181	174	177.2
District D---California	6	66	163	182	176	176	184	184	190	185	197	198	203	189	185.8

TABLE 4.---AVERAGE MAN-HOURS PER WAGE EARNER, BY MONTHS, BY DISTRICTS AND STATES AND BY SIZE CLASSES,
FOR SELECTED ESTABLISHMENTS IN 171 INDUSTRIES: 1939---Continued

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District, State, and class	Estab- lish- ments	Wage earners (average for year)	Monthly average hours per wage earner											
			Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.

LABORATORY, HOSPITAL, AND OTHER PROFESSIONAL FURNITURE---Continued

<u>By size of plant</u>															
1 to 20 wage earners	30	262	163	155	179	165	170	181	166	172	180	168	169	180	170.8
21 to 100	17	935	162	160	170	168	169	175	170	177	182	180	173	175	172.0
101 to 2,500	6/4	1,192	162	158	175	161	182	171	151	191	170	181	171	164	170.0
For footnotes on the Laboratory, Hospital, and Other Professional Furniture industry, see page 54.															

PARTITIONS, SHELVING, CABINET WORK, AND OFFICE AND STORE FIXTURES															
Total for man-hour tabulations	1/379	1/10,132	148	157	170	158	166	170	158	176	167	169	167	162	164.4
The North (Districts A, B, C, and D)	265	8,201	146	157	170	158	165	169	158	176	167	168	168	164	164.2
The South (Districts E and F)	43	819	165	163	181	166	176	187	162	189	178	179	184	163	174.9
The West (District G)	71	1,112	151	151	163	152	163	167	159	168	158	169	150	141	158.0
By districts and States															
District A, total	17	265	154	150	194	173	160	171	174	181	203	172	172	158	173.2
Massachusetts	11	173	151	131	179	150	154	177	168	180	178	157	163	154	163.0
Maine, New Hampshire, Rhode Island, and Connecticut	2/6	192	156	169	208	194	166	165	178	181	224	183	180	162	182.4
District B, total	114	1,941	144	148	164	159	157	161	149	155	158	159	152	153	155.0
New York	79	1,025	142	144	164	158	155	162	151	155	165	156	150	152	154.7
New Jersey	7	214	156	189	182	179	182	177	145	154	160	190	171	202	174.1
Pennsylvania	28	702	143	136	157	153	153	156	149	155	149	154	151	140	149.8
District C, total	97	4,452	136	158	171	152	167	171	156	184	165	171	172	168	165.0
Michigan	16	922	171	186	161	150	170	186	161	213	168	176	181	162	174.2
Ohio	27	1,245	130	140	167	154	165	172	160	178	162	164	171	165	161.6
Indiana	3	40	168	146	185	138	160	178	187	167	158	172	159	186	168.0
Illinois	42	2,057	125	158	177	150	164	161	148	173	164	171	166	169	161.2
Wisconsin	9	188	150	145	181	194	188	188	176	204	190	186	199	184	183.7
District D, total	37	1,443	176	167	170	169	174	173	171	179	171	173	169	171.9	
Minnesota	9	139	164	158	182	147	153	171	153	181	155	160	178	148	162.4
Iowa	3	144	173	169	175	177	164	168	172	182	174	170	171	188	173.6
Missouri	18	949	179	167	167	170	175	171	169	175	170	168	171	168	170.7
Nebraska and Kansas	2/7	211	175	172	175	175	191	190	191	192	187	189	175	173	182.6
District E, total	21	410	168	159	182	162	181	186	152	193	168	177	176	170	173.2
Maryland and District of Columbia	4/11	231	162	158	188	159	184	190	143	190	167	184	164	176	172.2
Virginia, North Carolina, Kentucky, and Tennessee	5/10	179	177	161	175	165	174	182	164	198	170	170	193	163	174.4
District F, total	22	409	163	168	181	170	171	187	170	186	189	180	192	154	176.7
Georgia, Florida, Alabama, Louisiana, Arkansas	6/7	141	178	170	191	189	183	194	182	212	221	196	202	172	192.3
Oklahoma and Texas	7/15	268	156	167	176	161	164	183	164	171	170	171	186	143	168.5
District G, total	71	1,112	151	151	163	152	163	167	159	168	158	169	150	141	158.0
Colorado and Arizona	8/6	60	167	158	170	186	167	180	175	186	176	200	174	174	176.0
Washington and Oregon	9/12	203	138	154	165	158	169	165	145	190	154	173	145	146	159.4
California	53	849	153	151	162	148	162	167	160	163	157	166	150	138	156.4
By size of plant															
1 to 20 wage earners	258	2,178	148	147	164	155	157	162	153	161	162	158	156	155	156.7
21 to 100	105	4,323	154	154	174	163	168	175	159	175	166	171	167	155	165.5
101 to 2,500	10/16	3,631	141	166	170	152	169	170	161	187	170	173	175	173	167.7
For footnotes on the Partitions, Shelving, Cabinet Work, and Offices and Store Fixtures industry, see page 55.															

PAPER AND PAPERBOARD MILLS															
Total for man-hour tabulations	1/530	1/101,360	167	163	182	172	164	174	166	182	180	188	185	176	175.8
The North (Districts A, B, C, and D)	440	80,105	167	165	184	173	175	176	166	184	182	190	188	177	177.5
The South (Districts E and F)	62	14,643	168	160	175	171	170	169	168	178	178	182	177	178	173.0
The West (District G)	28	6,612	157	146	166	158	169	159	153	174	159	172	163	159	161.4
By districts and States															
District A, total	128	20,250	165	163	184	171	171	171	161	179	181	186	186	178	175.0
Maine, New Hampshire, and Vermont	2/44	10,256	168	165	184	170	174	173	164	184	181	187	189	180	176.6
Massachusetts	59	8,233	164	164	186	173	168	169	158	173	180	187	183	178	173.7
Rhode Island and Connecticut	3/25	1,761	156	153	182	168	163	169	162	177	188	181	183	172	171.3
District B, total	152	23,695	166	165	183	175	177	174	166	181	183	190	184	180	177.1
New York	85	11,628	166	166	183	176	176	171	165	178	185	190	186	183	177.3
New Jersey	32	4,303	155	156	175	159	169	175	168	185	178	183	180	158	170.2
Pennsylvania	35	7,764	172	168	188	182	182	178	166	184	184	192	185	187	180.7
District C, total	148	33,777	169	167	185	172	176	181	170	188	183	193	192	173	179.1
Michigan	41	10,755	165	167	186	173	173	180	170	187	181	197	189	171	178.5
Ohio	42	8,858	168	168	181	170	176	179	173	187	188	193	191	174	179.1
Indiana	13	1,729	153	157	179	170	162	179	145	177	186	180	189	171	170.8
Illinois	18	3,428	170	161	186	174	176	182	176	192	180	185	193	166	178.6
Wisconsin	34	9,007	177	171	189	173	181	182	169	191	180	193	196	179	181.8
District D, total	12	2,383	170	163	184	175	182	180	168	180	179	201	183	176	178.4
Minnesota	6	1,848	172	162	186	172	176	178	163	179	178	203	183	177	177.6
Iowa, Missouri, and Kansas	4/6	535	164	167	180	184	203	186	186	182	183	191	180	172	181.3

FOR SELECTED ESTABLISHMENTS IN 171 INDUSTRIES: 1939---Continued

District, State, and class	Estab- lish- ments	Wage earners (average for year)	Monthly average hours per wage earner												For year
			Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	

PAPER AND PAPERBOARD MILLS---Continued

District E, total	39	7,080	171	167	186	173	178	173	163	179	179	190	187	178	177.2
Delaware, Maryland, and District of Columbia	5/13	2,265	174	160	191	158	174	159	146	180	171	198	189	173	173.1
West Virginia	5	703	167	161	186	181	197	179	171	181	158	160	183	169	174.1
Virginia, North Carolina, and Tennessee	6/21	4,112	170	171	183	180	177	179	172	179	188	192	186	182	179.9
District F, total	23	7,553	165	154	164	169	162	165	172	176	177	174	169	178	169.1
South Carolina, Georgia, and Florida	7/7	2,121	167	166	176	166	172	165	182	176	183	176	173	183	174.7
Alabama and Mississippi	8/5	1,981	161	147	169	167	153	163	157	170	173	168	160	185	164.5
Louisiana	8	2,536	175	158	157	172	171	162	181	191	170	179	179	175	173.5
Arkansas and Texas	9/3	925	147	127	134	152	133	171	154	146	188	165	151	165	153.9
District G, total	28	6,612	157	146	166	158	169	159	153	174	159	172	163	159	161.4
Washington	10	2,695	155	151	172	161	167	161	157	176	164	175	167	160	163.8
Oregon	6	1,746	155	136	156	151	162	138	131	147	138	151	146	159	147.5
California	12	2,171	161	147	166	160	177	174	165	194	171	186	173	157	169.5
By size of plant															
1 to 20 wage earners	18	236	140	147	166	138	130	164	128	173	170	166	184	175	158.5
21 to 100	197	11,240	166	161	184	169	173	172	166	182	182	191	187	177	175.9
101 to 500	275	58,894	166	164	183	172	174	174	165	182	180	186	185	175	175.6
501 to 2,500	40	30,990	169	164	179	173	175	176	167	181	180	190	183	177	176.2

For footnotes on the Paper and Paperboard industry, see page 56.

PULP MILLS															
Total for man-hour tabulations	1/157	1/24,301	163	156	171	168	169	165	162	171	176	181	182	177	170.2
The North (Districts A, B, C, and D)	94	10,940	161	156	176	166	173	165	158	168	174	182	185	176	170.1
The South (Districts E and F)	41	9,502	167	164	170	175	166	165	169	173	180	178	181	182	172.7
The West (District G)	22	3,859	159	139	159	157	166	166	153	177	170	183	175	167	164.6
By districts and States															
District A---Me., N. H., Vt., and Mass.	2/27	4,159	166	157	185	174	180	172	174	168	180	188	198	183	177.5
District B, total	29	2,584	152	157	176	167	171	156	143	165	180	182	180	179	167.4
New York	23	1,502	142	158	179	176	172	158	141	156	185	183	180	185	168.0
Pennsylvania	6	1,082	166	155	172	155	171	154	145	176	173	182	180	171	166.5
District C, total	31	3,213	165	159	173	163	172	171	162	175	169	181	181	176	170.4
Michigan and Ohio	3/10	936	159	155	168	153	162	165	158	175	170	184	179	169	166.5
Wisconsin and Missouri	4/21	2,277	167	160	174	167	177	173	164	174	169	180	182	178	172.1
District D---Minnesota	7	984	149	137	151	141	144	141	128	148	147	161	152	141	145.1
District E, total	18	3,698	172	168	180	180	179	178	175	176	184	184	193	193	180.6
Maryland and Virginia	5/8	1,874	168	169	174	177	170	171	172	172	176	178	181	180	174.3
North Carolina	4	1,077	168	166	171	174	172	175	173	168	188	175	197	196	177.3
Tennessee	6	747	186	169	211	199	211	200	185	198	198	210	218	220	201.1
District F, total	23	5,804	163	160	163	171	157	157	166	172	178	174	172	175	167.6
South Carolina, Georgia, and Florida	6/8	2,410	160	164	167	176	165	164	175	176	184	175	163	175	170.3
Alabama, Mississippi, and Louisiana	7/12	2,565	164	156	156	165	150	151	164	171	172	174	179	174	165.3
Arkansas and Texas	8/3	829	171	163	169	176	155	155	147	163	180	173	174	178	166.9
District G, total	22	3,859	159	139	159	157	166	166	153	177	170	183	175	167	164.6
Washington	15	2,925	158	139	160	162	173	168	148	174	166	180	173	169	164.4
Oregon	7	934	164	139	156	143	148	162	174	189	183	191	182	161	165.2
By size of plant															
1 to 20 wage earners	11	111	136	127	164	145	147	178	138	161	163	135	141	173	149.6
21 to 100	62	3,848	152	150	164	163	161	161	159	166	171	181	174	176	165.2
101 to 500	80	18,160	163	155	172	168	169	164	160	172	176	182	183	178	170.6
501 to 2,500	4	2,182	177	177	172	181	179	182	178	179	181	167	186	174	177.7

For footnotes on the Pulp Mill industry, see page 57.

RAYON AND ALLIED PRODUCTS															
Total for man-hour tabulations	1/30	1/48,332	159	149	168	152	151	160	157	168	152	166	160	162	158.5
The North (First 3 groups of States below)	15	13,165	158	147	164	148	149	157	155	171	154	168	162	158	157.6
The South (4th, 5th, and 6th groups)	15	35,167	159	149	169	154	152	161	158	167	151	165	159	164	158.9
By districts and States															
Massachusetts, Rhode Island, and Connecticut	2/4	1,466	161	141	156	154	151	174	159	164	161	172	175	164	161.4
New York, New Jersey, and Pennsylvania	3/6	9,607	155	145	162	147	146	153	151	168	148	166	156	155	154.2
Ohio, Illinois, and Wisconsin	4/5	2,092	171	162	182	148	166	169	170	188	175	177	174	166	170.9
Del., Md., W. Va., N. C., and Ga.	5/6	15,191	152	147	174	148	145	162	148	166	141	155	153	164	154.2
Virginia	5	10,786	164	153	166	163	152	158	169	168	160	178	164	167	163.5
Tennessee	4	9,190	166	149	164	152	164	164	161	167	159	165	162	158	161.0
By size of plant															
21 to 500 wage earners	6/7	1,320	161	157	178	171	164	172	159	169	161	159	169	156	164.2
501 to 2,500	16	20,139	167	153	168	156	160	165	164	171	164	170	164	164	163.8
2,501 and over	7	26,873	153	145	167	148	144	156	152	165	143	163	156	161	154.3

For footnotes on the Rayon and Allied Products industry, see page 57.

TABLE 4.---AVERAGE MAN-HOURS PER WAGE EARNER, BY MONTHS, BY DISTRICTS AND STATES AND BY SIZE CLASSES,
FOR SELECTED ESTABLISHMENTS IN 171 INDUSTRIES: 1939---Continued

District, State, and class	Estab- lish- ments	Wage earners (average for year)	Monthly average hours per wage earner												
			Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	For year
DRUGS AND MEDICINES (INCLUDING DRUG GRINDING)															
Total for man-hour tabulations	1/525	1/19,075	169	162	178	166	174	175	162	174	171	176	173	169	170.7
The North (Districts A, B, C, and D)	407	17,071	169	162	178	166	173	175	162	174	171	177	172	169	170.7
The South (Districts E and F)	88	1,645	162	158	175	161	176	171	161	171	167	171	174	162	167.6
The West (District G)	30	359	182	171	197	177	182	181	164	189	181	193	176	182	181.2
By districts and States															
District A, total	28	1,191	176	156	181	158	170	172	166	170	170	176	166	149	167.3
Maine, New Hampshire, and Vermont	2/3	24	156	144	164	149	163	147	166	164	163	158	150	157	156.7
Massachusetts	18	666	177	160	188	154	158	171	165	165	161	171	167	155	166.1
Rhode Island and Connecticut	3/7	501	176	150	169	165	187	175	166	175	180	182	166	142	169.4
District B, total	188	7,450	172	166	184	173	178	182	164	176	178	182	180	177	176.1
New York	109	3,884	176	170	185	175	183	183	163	174	183	189	185	183	179.3
New Jersey	38	1,841	167	158	188	168	173	179	153	175	174	175	172	170	171.1
Pennsylvania	41	1,725	169	167	176	173	172	182	178	184	173	175	175	169	174.4
District C, total	109	6,212	163	159	172	160	167	168	154	170	162	168	165	163	164.3
Michigan	14	2,319	173	170	177	169	174	176	161	176	170	177	173	172	172.4
Ohio	30	544	143	140	149	141	145	149	138	146	138	148	147	149	144.7
Indiana	20	1,776	156	151	166	152	161	161	152	165	151	159	161	152	157.4
Illinois	39	1,506	164	156	179	162	169	171	148	174	170	172	164	167	166.5
Wisconsin	6	67	171	166	178	168	180	184	173	195	183	193	185	183	180.1
District D, total	82	2,218	170	160	177	165	177	173	172	182	170	181	171	170	172.4
Minnesota	13	297	181	169	189	164	193	189	171	193	174	191	179	181	181.2
Iowa	14	290	181	169	176	182	173	174	170	170	174	170	164	178	173.2
Missouri	35	1,344	166	155	172	159	174	165	171	181	165	182	170	162	168.6
South Dakota and Nebraska	4/11	213	163	168	197	169	169	190	176	188	181	179	171	189	178.5
Kansas	9	74	180	180	182	194	184	187	195	182	187	182	177	187	184.7
District E, total	57	1,337	162	158	176	159	179	171	159	171	164	173	173	160	167.0
Delaware, Maryland, and District of Columbia	5/24	414	165	163	182	157	176	178	150	165	167	189	172	163	168.9
West Virginia and Virginia	6/9	100	164	155	182	156	174	165	160	175	158	165	165	159	164.7
North Carolina	8	239	175	164	186	166	183	181	165	185	160	166	189	151	172.4
Kentucky and Tennessee	7/16	584	154	152	166	158	182	162	162	168	165	168	170	161	163.9
District F, total	31	308	165	159	173	170	165	172	172	172	181	160	178	174	169.9
Georgia, Florida, Mississippi, Louisiana, Arkansas	8/19	159	160	157	174	168	149	170	168	167	183	151	177	179	166.2
Oklahoma and Texas	9/12	149	172	160	172	172	184	175	175	178	180	170	180	168	174.0
District G---Colo., Wash., Oreg., and Calif.	10/30	359	182	171	197	177	182	181	164	189	181	193	176	182	181.2
By size of plant															
1 to 20 wage earners	361	2,668	163	157	174	165	168	171	162	169	171	170	167	169	167.3
21 to 100	132	6,322	175	169	191	173	180	182	168	180	178	182	179	177	177.9
101 to 500	27	5,937	169	158	173	159	174	171	155	171	167	180	172	165	167.8
501 to 2,500	5	4,448	163	159	170	164	167	172	162	174	164	168	167	161	165.9
For footnotes on the Drugs and Medicines industry, see page 58.															

For footnotes on the Drugs and Medicines industry, see page 58.

INSECTICIDES, FUNGICIDES, AND RELATED INDUSTRIAL AND HOUSEHOLD CHEMICAL COMPOUNDS														
Total for man-hour tabulations	1/219	1/2,590	166	157	179	169	174	172	168	171	168	171	169	169 169.5
The North (Districts A, B, C, and D)	150	1,928	168	158	179	168	175	173	167	171	168	170	172	171 170.1
The South (Districts E and F)	42	439	166	155	179	173	173	170	175	178	168	173	164	162 170.0
The West (District G)	27	223	152	150	173	164	170	166	157	163	166	167	157	162 162.8
By districts and States														
District A---Me., N. H., Vt., Mass., R. I., and Conn.	2/21	150	154	152	161	153	162	172	159	167	162	151	156	155 159.0
District B, total	62	884	165	156	185	171	182	181	165	167	165	169	171	166 170.5
New York	25	354	170	161	184	170	174	183	167	171	165	173	166	166 170.9
New Jersey	22	411	157	149	186	170	188	178	163	163	163	163	172	161 167.9
Pennsylvania	15	119	177	168	187	180	189	187	168	170	170	181	183	179 178.2
District C, total	50	728	174	160	176	169	170	166	174	178	175	177	178	183 173.2
Michigan	7	253	184	171	176	167	152	149	201	182	186	191	187	201 178.5
Ohio	9	59	157	143	161	154	169	183	156	171	190	162	161	176 164.7
Illinois and Wisconsin	3/34	416	170	156	177	173	180	175	162	176	166	170	175	173 171.2
District D, total	17	166	166	157	175	163	175	163	160	164	161	168	166	166 165.0
Minnesota, South Dakota, and Iowa	4/8	89	167	148	163	159	170	163	164	159	166	159	163	167 162.6
Missouri	9	77	165	165	187	168	180	163	153	170	156	178	168	164 167.9
District E, total	20	261	181	169	194	179	187	188	171	189	171	191	184	174 181.5
Maryland, West Virginia, Virginia, North Carolina	5/11	91	183	167	190	170	185	183	159	187	159	186	183	179 177.2
Kentucky and Tennessee	6/9	170	179	170	197	183	189	191	178	189	178	193	185	172 183.8
District F---Ga., Fla., Ala., La., Ark., Tex.	7/22	178	145	135	158	164	154	149	181	161	164	147	134	146 153.1
District G---Colo., Ariz., Wash., Oreg., Calif.	8/27	223	152	150	173	164	170	166	157	163	166	167	157	162 162.8

TABLE 4.--AVERAGE MAN-HOURS PER WAGE EARNER, BY MONTHS, BY DISTRICTS AND STATES AND BY SIZE CLASSES,
FOR SELECTED ESTABLISHMENTS IN 171 INDUSTRIES: 1939--Continued

District, State, and class	Estab- lish- ments	Wage earners (average for year)	Monthly average hours per wage earner											
			Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.

INSECTICIDES, FUNGICIDES, AND RELATED INDUSTRIAL AND HOUSEHOLD CHEMICAL COMPOUNDS---Continued															
By size of plant															
1 to 20 wage earners	187	1,048	165	157	173	170	173	175	166	170	173	171	171	172	169.8
21 to 100	29	1,120	165	157	182	169	178	173	164	170	161	167	166	163	168.2
101 to 500	3	422	173	154	183	163	166	163	181	177	172	178	174	179	172.1
For footnotes on the Insecticide and Fungicide industry, see page 59.															

PERFUMES, COSMETICS, AND OTHER TOILET PREPARATIONS															
Total for man-hour tabulations	1/216	1/8,544	160	159	177	156	167	165	157	170	172	177	174	160	166.5
The North (Districts A, B, C, and D)	171	7,868	159	158	176	154	166	163	156	168	172	178	173	159	165.5
The South (District E)	28	364	171	161	178	168	175	177	167	183	165	174	176	164	171.8
The West (District F)	17	312	176	181	198	186	193	184	175	190	173	178	189	182	183.5
By districts and States															
District A---Mass., R. I., and Conn.	2/11	368	174	180	214	163	184	211	173	179	205	182	180	210	188.1
District B, total	94	5,256	161	161	174	157	164	165	153	168	172	175	176	158	165.6
New York	71	3,695	159	162	172	156	160	162	158	165	176	177	176	158	165.4
New Jersey	17	1,459	165	156	179	158	175	171	141	177	161	174	174	158	165.9
Pennsylvania	6	102	170	167	188	170	173	184	166	161	158	148	187	153	167.4
District C, total	38	1,568	158	154	186	153	176	156	163	168	162	182	166	157	165.3
Michigan, Ohio, and Indiana	3/15	782	155	158	199	152	190	144	182	154	158	204	159	153	167.5
Illinois and Wisconsin	4/23	786	161	151	172	154	161	169	143	182	165	164	173	161	163.1
District D, total	28	676	140	141	151	131	144	143	148	163	180	179	163	149	153.3
Minnesota, Iowa, and Nebraska	5/11	271	168	164	179	168	176	165	181	184	166	184	169	164	172.3
Missouri	17	405	124	126	131	109	124	131	128	151	191	176	159	136	140.7
District E, total	28	364	171	161	178	168	175	177	167	183	165	174	176	164	171.8
Maryland, Virginia, Kentucky, and Tennessee	6/9	149	183	171	204	183	191	198	183	203	185	183	192	178	187.8
Georgia, Florida, Alabama, Louisiana, and Arkansas	7/14	133	157	154	160	155	164	169	153	165	153	161	171	158	160.0
Oklahoma and Texas	8/5	82	176	155	160	160	163	149	160	179	153	180	160	149	161.9
District F---Utah, Washington, and California	9/17	312	176	181	198	186	193	184	175	190	173	178	189	182	183.5
By size of plant															
1 to 20 wage earners	137	893	160	158	172	158	163	167	159	167	171	166	170	167	165.0
21 to 100	55	2,469	166	160	182	161	170	176	159	181	174	172	177	166	170.6
101 to 2,500	10/24	5,182	157	159	175	153	166	159	155	165	171	182	173	157	164.7
For footnotes on the Perfumes, Cosmetics, and Other Toilet Preparations industry, see page 59.															

SOAP AND GLYCERIN															
Total for man-hour tabulations	1/153	1/13,303	162	156	177	158	170	169	151	176	164	172	166	158	164.9
The North (Districts A, B, C, and D)	120	11,960	161	155	176	157	169	168	151	175	163	171	166	158	164.3
The South (District E)	9	478	164	167	187	168	186	183	142	197	180	178	173	169	174.7
The West (District F)	24	865	167	157	182	163	173	175	154	180	167	174	163	158	167.9
By districts and States															
District A---Mass., R. I., and Conn.	2/17	1,606	151	140	164	146	155	173	149	167	151	170	150	144	155.2
District B, total	48	4,623	163	158	172	162	168	164	150	168	167	173	164	161	164.2
New York and New Jersey	3/34	3,929	159	156	173	160	169	165	152	169	164	174	165	160	164.0
Pennsylvania	14	694	181	169	165	171	162	162	138	162	183	163	157	172	165.6
District C, total	41	4,399	161	156	181	156	172	170	155	182	163	169	172	157	166.3
Michigan, Ohio, and Indiana	4/20	2,919	161	151	179	153	169	174	155	178	163	176	167	157	165.3
Illinois and Wisconsin	5/21	1,480	162	165	185	161	178	163	155	191	163	157	183	157	168.3
District D---Minn., Iowa, Mo., Nebr., Kans.	6/14	1,332	167	159	188	161	177	169	147	187	165	176	170	163	169.1
District E---Md., Tenn., Ga., Ala., and Tex.	7/9	478	164	167	187	168	186	183	142	197	180	178	173	169	174.7
District F---Colo., Wash., Oreg., Nev., Calif.	8/24	865	167	157	182	163	173	175	154	180	167	174	163	158	167.9
By size of plant															
1 to 20 wage earners	100	745	175	167	183	175	178	179	171	179	182	179	176	174	176.6
21 to 100	20	684	164	166	180	163	178	170	159	180	171	174	173	165	170.3
101 to 500	26	5,517	163	163	181	165	181	169	153	183	167	174	168	163	169.1
501 to 2,500	7	6,357	158	146	172	149	159	168	147	170	159	169	161	152	159.3
For footnotes on the Soap and Glycerin industry, see page 60.															

CLEANING AND POLISHING PREPARATIONS; BLACKINGS AND DRESSINGS															
Total for man-hour tabulations	1/256	1/4,075	168	160	182	165	174	168	153	170	168	171	167	160	167.3
The North (Districts A, B, C, and D)	212	3,789	168	160	182	165	174	167	153	170	168	172	168	160	167.4
The South (District E)	24	189	172	164	180	162	163	168	152	168	154	169	152	162	163.7
The West (District F)	20	97	180	172	181	176	171	169	172	180	175	169	167	164	172.6
By districts and States															
District A, total	45	592	171	161	182	163	175	164	148	161	165	174	168	163	166.5
New Hampshire and Massachusetts	2/40	398	168	159	185	161	173	165	149	170	165	169	167	165	166.4
Rhode Island and Connecticut	3/5	194	176	164	177	166	180	164	147	141	165	183	172	160	166.6
3-31622															

FOR SELECTED ESTABLISHMENTS IN 171 INDUSTRIES: 1939--Continued

District, State, and class	Estab- lish- ments	Wage earners (average for year)	Monthly average hours per wage earner												
			Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	For year
CLEANING AND POLISHING PREPARATIONS; BLACKINGS AND DRESSINGS---Continued															
District B, total	71	1,787	169	155	187	163	171	171	154	178	170	169	162	155	167.0
New York	44	890	165	153	186	162	162	164	147	166	161	161	157	160	162.0
New Jersey	14	794	176	160	191	165	183	181	162	193	185	179	168	149	174.2
Pennsylvania	13	103	152	138	165	149	159	155	154	166	151	155	155	151	154.3
District C, total	71	1,240	163	163	174	168	177	162	151	162	166	174	176	163	166.8
Michigan	9	197	161	158	163	164	161	158	162	162	161	170	157	161	161.7
Ohio and Indiana	4/21	404	164	158	180	173	181	164	156	141	163	172	192	154	167.2
Illinois and Wisconsin	5/41	639	162	168	174	167	178	162	143	172	168	177	173	170	168.1
District D---Minnesota, Iowa, and Missouri . .	6/25	170	180	171	190	180	186	177	171	179	175	181	173	178	178.5
District E, total	24	189	172	164	180	162	163	168	152	168	154	169	152	162	163.7
Delaware, Maryland, and North Carolina	7/14	144	176	168	181	161	165	168	152	170	157	169	153	161	164.7
S. C., Ga., Fla., Ala., La., and Tex.	8/10	45	162	154	178	166	157	169	154	161	144	167	151	164	160.5
District F---Oregon and California	9/20	97	180	172	181	176	171	169	172	180	175	169	157	164	172.6
By size of plant															
1 to 20 wage earners	226	1,262	163	157	174	162	166	168	155	167	166	166	160	164	164.1
21 to 100	18	652	168	164	190	166	165	172	158	170	167	170	167	169	164.9
101 to 500	12	2,161	172	160	184	167	181	166	151	173	169	175	171	155	168.7
For footnotes on the Cleaning and Polishing Preparations industry, see page 60.															

For footnotes on the Cleaning and Polishing Preparations industry, see page 60.

PETROLEUM REFINING															
Total for man-hour tabulations	1/341	1/70,934	163	150	168	156	166	162	159	165	156	164	159	161	160.7
The North (Districts A, B, C, and D)	110	33,352	162	148	167	154	163	159	156	161	154	163	157	158	158.6
The South (Districts E, F, and G)	124	27,345	165	151	168	158	169	164	160	168	158	166	161	165	162.8
The West (District H)	107	10,237	162	148	167	156	167	164	164	171	160	164	163	161	162.3
By districts and States															
District A--Massachusetts and Rhode Island	2/5	695	150	137	151	141	153	151	154	157	163	153	164	150	151.9
District B, total	42	15,517	169	154	173	157	164	162	157	161	156	166	159	158	161.3
New York	9	1,523	161	144	168	153	168	157	159	164	157	160	156	157	158.5
New Jersey	9	6,115	183	165	186	162	166	167	159	166	159	171	165	163	167.7
Pennsylvania	24	7,879	159	146	163	154	162	160	156	157	153	163	155	155	156.9
District C, total	43	13,611	156	143	161	151	161	154	153	161	150	160	153	156	154.7
Michigan	16	647	185	176	187	182	184	184	184	187	188	202	190	189	186.6
Ohio and Indiana	3/17	8,726	156	139	160	149	159	149	149	158	146	156	151	154	152.2
Illinois	10	4,238	152	145	158	150	159	159	154	162	151	160	152	154	154.9
District D--Minn., Mo., S. Dak., Nebr., Kans.	4/20	3,529	161	150	168	157	166	164	163	167	159	167	163	167	162.8
District E, total	16	1,760	161	147	163	155	166	159	160	168	158	162	159	161	159.9
Delaware, Maryland, West Virginia, and Virginia	5/8	1,205	158	144	165	150	165	161	159	170	157	160	156	158	158.8
Kentucky and Tennessee	6/8	555	168	152	158	164	167	155	162	164	159	167	167	167	162.4
District F, total	17	3,275	164	147	159	151	163	158	159	163	154	168	161	166	159.4
South Carolina, Georgia, and Alabama	7/3	175	150	137	160	143	156	150	151	156	146	160	148	153	150.8
Louisiana and Arkansas	8/14	3,100	164	147	159	152	163	158	159	163	154	168	162	167	159.9
District G, total	91	22,310	165	152	170	159	171	166	161	169	158	166	161	165	163.5
Oklahoma	19	3,814	161	147	161	156	166	156	151	163	157	161	157	160	158.1
Texas	72	18,496	166	154	172	159	172	168	163	170	158	166	162	166	164.7
District H, total	107	10,237	162	148	167	156	167	164	164	171	160	164	163	161	162.3
Montana	17	411	165	159	179	168	179	173	190	184	167	169	174	170	173.3
Wyoming	17	917	153	142	162	151	160	153	153	164	153	162	157	155	155.3
Colorado and New Mexico	9/11	236	166	155	164	161	174	165	177	176	168	177	161	176	168.4
Idaho, Utah, Washington, and Oregon	10/7	278	173	148	137	137	168	165	157	178	169	166	162	160	159.2
California	55	8,395	162	148	168	156	167	165	163	171	160	164	163	161	162.4
By size of plant															
1 to 20 wage earners	97	891	178	170	186	183	187	181	177	184	177	184	178	183	180.9
21 to 100	114	5,509	166	155	167	162	172	166	171	173	166	173	167	164	166.9
101 to 500	97	21,776	163	149	166	157	166	164	163	167	161	165	161	165	162.3
501 to 2,500	28	27,566	162	148	165	152	161	159	154	162	152	162	156	156	157.4
2,501 and over	5	15,192	164	150	172	157	171	162	157	165	153	163	159	162	161.2

For footnotes on the Petroleum Refining industry, see page 61.

LEATHER: TANNED, CURRIED, AND FINISHED--CONTRACT FACTORIES 1/															
Total for man-hour tabulations	1/88	1/5,087	164	160	171	158	161	167	146	162	160	158	162	166	161.2
The North (Districts A, B, and C)	84	4,868	164	159	171	158	161	166	146	162	160	157	161	166	160.9
The South (District D)	4	219	152	170	179	169	172	188	160	160	155	174	176	176	169.1
By districts and States															
District A, total	42	2,367	157	154	166	157	163	162	158	163	157	155	153	162	158.9
Maine, New Hampshire, and Vermont	2/7	592	167	161	176	166	175	171	171	174	173	146	157	176	167.4
Massachusetts	35	1,775	153	151	162	155	160	159	153	160	152	158	152	158	156.0

FOR SELECTED ESTABLISHMENTS IN 171 INDUSTRIES: 1939---Continued

District, State, and class	Estab- lish- ments	Wage earners (average for year)	Monthly average hours per wage earner												For year
			Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	
LEATHER: TANNED, CURRIED, AND FINISHED---CONTRACT FACTORIES 1/---Continued															
District B, total	34	2,250	168	162	174	157	156	169	128	159	160	157	168	168	160.6
New York	17	685	151	147	163	160	152	166	150	165	153	150	155	161	156.1
New Jersey and Pennsylvania	3/17	1,565	174	168	179	155	158	170	118	157	163	160	173	171	162.6
District C, total	8	251	189	182	182	166	179	183	196	176	191	179	177	184	181.7
Wisconsin	3	166	194	184	183	166	181	185	202	167	189	169	172	186	181.9
Michigan, Illinois, Colorado, and California	4/5	85	180	176	181	167	172	174	172	191	193	194	183	181	181.4
District D---Delaware	4	219	152	170	179	169	172	188	160	160	155	174	176	176	169.1
By size of plant															
1 to 20 wage earners	30	322	149	147	168	153	157	166	152	174	171	165	171	162	162.1
21 to 100	47	2,445	163	160	171	159	159	167	159	164	165	163	160	165	162.8
101 to 2,500	5/11	2,320	166	160	171	158	164	167	134	159	152	151	161	168	159.4
For footnotes on the Contract-Factory Leather-Tanning industry, see page 62.															

For footnotes on the Contract-Factory Leather-Tanning industry, see page 62.

LEATHER: TANNED, CURRIED, AND FINISHED---REGULAR FACTORIES															
Total for man-hour tabulations	1/263	1/39,772	163	157	171	158	164	166	160	171	164	167	163	167	164.1
The North (Districts A, B, C, and D)	214	33,036	164	157	171	158	165	165	161	173	164	169	162	167	164.7
The South (District E)	34	5,033	154	156	171	157	160	171	157	164	160	160	167	158	161.2
The West (District F)	15	703	153	163	175	163	163	164	152	171	161	157	166	158	162.2
By districts and States															
District A, total	57	7,729	161	155	166	150	163	167	154	169	157	160	157	165	160.4
Maine and New Hampshire	2/6	792	170	163	160	148	179	161	152	172	148	162	162	149	160.4
Massachusetts	48	6,761	160	154	167	150	161	167	154	169	157	159	156	167	160.1
Connecticut	3	176	172	170	174	168	162	174	163	172	176	177	181	166	172.9
District B, total	94	12,716	160	150	166	153	160	159	156	164	158	172	160	162	159.9
New York	33	3,853	164	150	166	151	159	154	156	168	155	163	158	157	158.4
New Jersey	22	2,144	159	150	178	156	163	176	156	168	179	167	163	179	166.2
Pennsylvania	39	6,719	158	150	162	154	160	156	155	161	152	179	160	160	158.8
District C, total	59	12,421	171	166	179	169	172	171	171	183	176	171	166	172	172.3
Michigan	11	2,349	165	160	175	158	165	172	159	171	159	166	162	164	164.7
Ohio	9	1,522	172	165	192	158	169	185	169	178	183	178	176	192	176.4
Indiana	5	333	187	180	175	196	181	180	195	182	195	177	179	182	184.0
Illinois	18	3,885	172	170	173	172	174	170	178	196	179	174	169	173	175.0
Wisconsin and Minnesota	3/16	4,332	173	167	182	175	173	166	170	180	179	168	161	169	171.8
District D---Missouri	4	170	160	144	166	144	169	163	156	167	152	163	153	157	158.0
District E, total	34	6,033	154	156	171	157	160	171	157	164	160	160	167	158	161.2
West Virginia	6	897	156	152	159	144	163	161	151	155	151	148	148	147	152.9
Delaware, Maryland, Virginia, and Kentucky	4/16	3,479	143	153	172	157	153	174	152	158	157	156	167	156	158.2
North Carolina	8	937	168	162	173	159	173	167	168	192	174	173	179	165	171.0
Georgia and Tennessee	5/4	720	181	170	177	172	179	175	173	172	172	174	171	169	173.6
District F---Washington, Oregon, California	6/15	703	153	163	175	163	163	164	152	171	161	157	166	158	162.2
By size of plant															
1 to 20 wage earners	49	482	162	158	177	164	166	175	155	168	164	160	169	162	165.0
21 to 100	84	4,607	156	156	172	159	160	166	157	172	167	168	168	166	164.1
101 to 500	117	25,921	163	156	168	159	165	165	160	171	164	167	161	166	163.7
501 to 2,500	13	8,762	164	162	178	156	165	169	163	173	161	167	165	161	165.5

For footnotes on the Regular-Factory Leather-Tanning industry, see page 62.

RUBBER BOOTS AND SHOES (INCLUDING RUBBER-SOLED FOOTWEAR WITH FABRIC UPPERS)															
Total for man-hour tabulations	1/13	1/14,861	138	141	159	145	143	151	117	164	152	162	160	151	148.7
By districts and States															
District A, total	9	10,819	133	138	157	145	143	150	109	158	149	154	155	151	145.4
Massachusetts	4	5,271	154	152	174	156	167	162	137	181	167	169	171	165	163.1
Rhode Island, Connecticut, and Maryland	2/5	5,548	114	125	142	135	119	138	83	136	132	138	140	139	128.5
District B---Ind., Ill., Wis., and Mo.	2/4	4,042	154	148	164	144	142	153	138	178	161	181	171	150	157.6
By size of plant															
1 to 500 wage earners	4/4	858	174	171	176	170	170	171	162	150	165	171	171	172	169.0
501 and over	5/9	14,003	136	139	158	143	140	150	115	165	152	161	159	149	147.5

For footnotes on the Rubber Boots and Shoes industry, see page 63.

TIRES AND INNER TUBES															
Total for man-hour tabulations	1/53	1/54,115	142	136	155	142	145	152	137	163	148	158	153	144	148.2
The North (Districts A and B)	39	46,010	138	135	153	140	143	149	135	157	146	154	151	143	145.5
The South (District C)	8	4,502	170	158	176	162	168	176	167	194	174	178	167	159	170.9
The West (District D)	6	3,603	150	129	164	146	150	155	133	139	146	185	170	225	154.6
By districts and States															
District A, total	8	4,639	149	150	161	175	162	163	159	148	167	157	148	145	155.9
Massachusetts and Connecticut	2/3	2,544	144	149	154	194	162	157	161	141	173	152	154	161	158.6
Pennsylvania	5	2,095	155	150	169	152	163	171	156	155	159	162	140	125	154.9

TABLE 4.---AVERAGE MAN-HOURS PER WAGE EARNER, BY MONTHS, BY DISTRICTS AND STATES AND BY SIZE CLASSES,
FOR SELECTED ESTABLISHMENTS IN 171 INDUSTRIES: 1939---Continued

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District, State, and class	Estab- lish- ments	Wage earners (average for year)	Monthly average hours per wage earner												For year
			Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	
TIRES AND INNER TUBES---Continued															
District B, total	31	41,371	137	133	152	136	141	147	132	159	144	154	151	143	144.2
Michigan	4	6,367	159	151	171	138	147	154	158	167	172	177	176	165	161.5
Ohio	19	29,921	131	127	146	131	137	143	123	155	136	148	144	137	138.2
N. Y., N. J., Ind., Ill., Wis., and Minn.	3/8	5,083	143	146	163	161	153	162	151	170	155	163	165	150	157.3
District C---Md., Mo., Tenn., Miss., and Ala.	4/8	4,502	170	158	176	162	168	176	167	194	174	178	167	159	170.9
District D---California	6	3,603	150	129	164	146	150	155	133	189	146	185	170	135	154.6
By size of plant															
1 to 100 wage earners	5/10	489	157	158	163	163	152	162	168	170	177	175	136	141	161.0
101 to 500	14	3,887	158	149	173	165	167	170	166	185	167	167	156	140	164.0
501 to 2,500	24	27,449	145	140	162	153	153	161	141	167	153	161	156	143	153.0
2,501 and over	5	22,290	134	129	144	125	132	137	127	153	139	153	150	144	139.3

For footnotes on the Tire and Inner Tube industry, see page 63.

RECLAIMED RUBBER															
Total for man-hour tabulations	1/10	1/1,072	162	168	167	178	167	170	150	173	170	196	180	182	172.5
By districts and States															
New Jersey	4	429	149	169	159	160	165	176	120	181	170	199	199	170	168.6
New York, Pennsylvania, Maryland, Ohio, Illinois	2/6	643	172	168	173	190	168	166	170	168	171	194	168	189	175.1
By size of plant															
1 to 100 wage earners	3/7	245	157	143	160	156	158	150	154	165	164	166	165	170	159.8
101 to 500	3	827	164	174	169	185	170	176	149	175	173	206	186	186	176.3

For footnotes on the Reclaimed Rubber industry, see page 63.

RUBBER PRODUCTS NOT ELSEWHERE CLASSIFIED															
Total for man-hour tabulations	1/359	1/45,322	160	158	172	161	165	168	149	176	168	177	169	160	165.4
The North (Districts A, B, C, and D)	286	41,132	160	156	172	160	164	166	148	175	168	177	168	159	164.6
The South (Districts E and F)	33	1,955	164	169	170	154	170	174	153	176	178	177	176	163	169.0
The West (District G)	40	2,235	176	172	174	171	178	181	170	181	175	183	176	171	175.8
By districts and States															
District A, total	71	12,583	165	163	186	167	170	175	146	177	171	173	174	164	169.3
Maine, Vermont, and Massachusetts	2/49	6,986	162	162	186	170	169	178	152	177	171	169	175	163	169.5
Rhode Island and Connecticut	3/22	5,597	169	165	185	163	172	170	138	177	171	178	172	165	169.0
District B, total	90	14,297	156	154	167	156	163	165	150	176	164	181	169	157	163.4
New York	35	3,975	155	147	155	149	163	152	149	162	153	169	158	153	155.5
New Jersey	36	8,069	158	154	172	159	165	170	151	179	169	186	176	161	166.8
Pennsylvania	19	2,253	153	166	174	160	156	168	153	190	165	184	163	151	165.4
District C, total	113	13,137	157	152	163	158	160	160	146	173	169	175	162	156	161.2
Michigan	12	1,491	161	141	163	152	159	160	150	186	176	185	163	165	164.1
Ohio	59	6,483	149	149	163	161	156	151	133	168	159	171	164	152	156.8
Indiana	12	2,779	165	161	153	148	161	172	157	180	181	174	153	149	163.0
Illinois	20	1,791	168	156	174	166	168	167	169	180	170	177	164	167	168.8
Wisconsin	10	593	163	168	177	162	178	186	165	145	192	182	167	169	171.4
District D---Iowa, Missouri, and Nebraska	4/12	1,115	171	164	165	161	155	169	165	175	164	178	170	181	168.6
District E, total	22	1,688	163	168	169	150	169	174	148	175	174	177	177	164	167.7
Maryland	12	689	171	159	186	162	178	186	133	186	169	167	168	169	169.6
Del., Va., N. C., Ky., and Tenn.	5/10	999	157	174	158	141	161	165	158	167	178	183	183	160	166.5
District F, total	11	267	170	178	177	182	173	171	180	179	200	178	173	159	177.2
South Carolina, Georgia, Arkansas, and Oklahoma	6/4	174	160	172	168	179	171	159	177	175	203	173	162	137	169.6
Texas	7	93	189	189	195	187	190	194	185	187	196	190	194	201	191.4
District G---Colorado, Washington, California	7/40	2,235	176	172	174	171	178	181	170	181	175	183	176	171	175.8
By size of plant															
1 to 20 wage earners	128	1,145	159	155	176	161	166	179	159	173	170	176	172	167	167.8
21 to 100	117	5,914	163	162	174	166	171	171	164	174	173	179	172	163	169.5
101 to 500	94	20,831	158	157	170	159	162	167	148	174	167	175	166	159	163.8
501 to 2,500	20	17,432	163	157	172	161	167	167	145	178	168	178	170	160	165.8

For footnotes on the Rubber Products Not Elsewhere Classified industry, see page 64.

CEMENT															
Total for man-hour tabulations	1/157	1/23,571	149	144	166	164	168	169	166	172	164	173	164	159	164.1
The North (Districts A, B, and C)	92	15,466	143	140	164	162	166	171	166	172	165	175	165	157	163.4
The South (Districts D, E, and F)	39	5,317	158	148	169	170	165	159	161	164	160	165	160	160	161.8
The West (District G)	26	2,788	163	151	170	170	184	177	175	184	171	183	170	163	172.3
By districts and States															
District A, total	39	6,798	136	146	163	165	160	172	169	174	165	178	164	151	163.7
New York	12	1,335	148	161	168	162	155	167	168	170	166	176	157	157	164.0
Maine, New Jersey, and Pennsylvania	2/27	5,463	133	143	162	166	162	174	169	175	165	179	166	150	163.7

TABLE 4.---AVERAGE MAN-HOURS PER WAGE EARNER, BY MONTHS, BY DISTRICTS AND STATES AND BY SIZE CLASSES,
FOR SELECTED ESTABLISHMENTS IN 171 INDUSTRIES: 1939---Continued

District, State, and class	Estab- lish- ments	Wage earners (average for year)	Monthly average hours per wage earner												For year
			Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	
CEMENT---Continued															
District B, total	30	5,064	149	138	161	152	169	168	164	171	164	169	164	164	162.2
Michigan	9	1,682	168	153	171	160	189	184	184	187	178	185	178	180	177.5
Ohio	11	1,281	145	140	162	152	164	167	161	171	158	174	161	163	160.9
Indiana	5	1,079	155	148	169	160	165	162	153	165	162	160	165	156	160.1
Illinois	5	1,022	113	105	135	131	148	151	150	153	150	147	145	144	140.8
District C, total	23	3,604	143	134	173	167	173	171	162	171	165	176	167	160	164.6
Wisconsin, Minnesota, South Dakota, and Nebraska	2/6	620	167	158	175	177	181	178	166	181	173	183	177	162	174.1
Iowa	5	1,183	143	135	171	166	166	171	170	175	164	179	164	164	165.0
Missouri	5	1,039	132	133	175	164	176	170	149	168	161	172	167	161	161.0
Kansas	7	762	145	120	171	163	175	169	165	163	164	171	164	153	160.9
District D, total	14	1,885	149	144	169	175	164	159	159	171	158	168	158	158	161.5
Maryland and West Virginia	4/5	590	147	143	174	161	170	167	154	176	151	163	159	157	160.7
Virginia and Kentucky	2/3	562	162	140	176	167	160	159	158	164	163	164	154	160	160.7
Tennessee	6	733	136	149	159	191	163	153	165	170	160	174	161	157	162.6
District E, total	11	1,485	162	153	171	171	163	167	164	156	159	166	166	162	163.2
Georgia and Florida	6/3	452	145	147	173	186	155	168	157	154	166	207	182	181	169.6
Alabama	8	1,033	169	155	170	164	166	166	166	156	156	148	158	153	160.5
District F, total	14	1,947	162	148	169	164	168	153	161	164	163	162	156	161	161.0
Louisiana, Arkansas, and Oklahoma	7/4	687	151	162	165	166	162	159	155	163	157	167	165	165	161.5
Texas	10	1,260	167	140	172	163	171	151	165	165	166	159	151	159	160.7
District G, total	26	2,788	163	151	170	170	184	177	175	184	171	183	170	163	172.3
Montana and Idaho	8/3	155	113	138	137	171	175	169	161	186	176	177	165	152	164.6
Wyoming, Colorado, and Utah	2/5	404	181	143	167	166	190	184	188	193	181	191	184	146	177.5
Washington and Oregon	10/8	743	152	132	148	163	179	169	172	172	163	173	167	150	162.8
California	10	1,486	166	161	185	175	187	179	175	187	171	186	169	176	176.5
By size of plant															
1 to 20 wage earners	5	45	157	175	201	201	158	178	161	179	152	211	167	153	173.8
21 to 100	43	2,986	152	139	157	161	174	166	166	167	163	171	164	157	162.6
101 to 2,500	11/109	20,540	149	144	167	165	168	170	166	173	165	174	164	159	164.3
For footnotes on the Cement industry, see page 65.															
LIME															
Total for man-hour tabulations	1/197	1/7,981	163	155	173	172	178	175	169	178	174	179	173	171	172.0
The North (Districts A, B, C, and D)	107	4,973	164	155	176	176	182	180	171	183	178	182	178	176	175.5
The South (Districts E, F, and G)	64	2,287	152	149	162	160	164	164	158	163	160	168	158	155	159.5
The West (District H)	26	721	198	181	198	186	189	181	192	192	182	186	186	185	187.5
By districts and States															
District A, total	12	473	152	159	165	206	185	185	191	182	179	172	178	176	179.9
Maine, Vermont, and Connecticut	2/7	255	164	159	157	201	174	183	200	186	173	179	168	165	177.5
Massachusetts	5	218	140	159	174	212	199	187	181	176	187	165	188	191	182.8
District B, total	41	1,771	157	149	181	179	189	179	164	184	183	189	179	178	176.6
New York and New Jersey	3/7	175	160	168	193	208	200	188	171	187	185	190	167	162	182.3
Pennsylvania	34	1,596	157	147	179	176	188	178	164	184	182	189	180	180	176.0
District C, total	41	1,986	168	159	172	162	175	179	172	185	173	177	173	173	172.6
Ohio	15	1,369	171	161	176	163	179	179	174	189	176	176	172	171	174.2
Michigan and Indiana	4/9	244	164	153	156	153	153	159	152	167	160	166	159	164	158.9
Illinois	9	224	163	160	170	160	178	192	169	174	165	194	194	200	177.0
Wisconsin	8	149	151	145	169	171	171	193	188	192	180	180	178	156	173.8
District D---Maine, S. Dak., Mo., and Kans.	5/13	743	174	157	180	180	183	178	173	177	183	186	185	178	178.1
District E, total	45	1,596	156	155	173	166	171	171	162	165	166	167	162	158	164.5
Maryland and West Virginia	6/15	484	164	164	184	175	182	182	173	181	179	176	174	159	174.9
Virginia	18	604	153	151	172	164	166	171	157	156	167	168	161	163	162.8
Tennessee	12	508	153	152	163	159	168	160	157	159	150	157	152	152	156.8
District F, total	12	437	145	134	137	139	142	141	141	161	139	169	159	137	145.3
South Carolina and Florida	7/7	139	142	137	138	123	137	142	136	171	122	163	165	145	144.1
Alabama	5	298	146	133	136	146	144	141	143	156	146	172	156	133	145.8
District G---Arkansas, Oklahoma, and Texas	8/7	254	140	136	134	154	152	160	163	154	158	182	133	161	151.8
District H, total	26	721	198	181	198	186	189	181	192	192	182	186	186	185	187.5
Montana, Idaho, and Washington	9/8	171	196	172	193	173	199	182	186	185	163	180	151	164	177.4
Colorado, Utah, and Nevada	10/8	220	185	168	186	172	180	174	186	179	185	188	192	191	182.4
Arizona	4	103	204	187	204	200	199	192	210	206	198	204	199	211	201.5
California	6	227	210	204	221	213	184	182	194	199	188	182	200	179	193.7
By size of plant															
1 to 20 wage earners	91	865	155	149	168	174	175	177	172	175	173	178	173	163	170.1
21 to 100	80	3,479	166	159	175	175	180	178	170	180	173	175	173	173	173.3
101 to 500	26	3,637	162	153	174	168	176	172	168	177	175	183	173	170	171.2
For footnotes on the Lime industry, see page 66.															

TABLE 4.---AVERAGE MAN-HOURS PER WAGE EARNER, BY MONTHS, BY DISTRICTS AND STATES AND BY SIZE CLASSES,
FOR SELECTED ESTABLISHMENTS IN 171 INDUSTRIES: 1939--Continued

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District, State, and class	Estab-lish-ments	Wage earners (average for year)	Monthly average hours per wage earner												For year
			Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	
BRICK AND HOLLOW STRUCTURAL TILE															
Total for man-hour tabulations	1/539	1/22,196	158	153	169	167	174	177	171	179	170	171	166	159	168.8
The North (Districts A, B, C, and D)	304	12,975	156	149	170	168	175	180	173	181	171	171	167	160	169.7
The South (Districts E, F, and G)	170	8,053	162	158	169	164	172	172	168	175	167	171	166	160	167.2
The West (District H)	65	1,168	153	152	160	172	175	173	172	183	173	171	164	156	168.9
By districts and States															
District A, total	35	965	139	126	161	197	178	190	182	176	186	172	174	160	175.8
Maine	8	92	184	176	182	188	166	194	180	174	194	158	171	191	178.9
New Hampshire and Vermont	2/7	143	157	160	181	206	174	195	197	185	196	154	162	154	183.1
Massachusetts, Rhode Island, and Connecticut	3/20	730	134	117	158	196	181	188	178	174	181	178	176	158	173.9
District B, total	84	4,058	156	154	175	169	182	186	173	182	173	169	173	170	173.2
New York	30	1,620	160	179	174	172	189	188	179	184	174	160	173	179	176.6
New Jersey	9	717	144	148	178	152	186	185	173	172	165	170	165	157	166.9
Pennsylvania	45	1,721	159	145	176	173	173	185	167	186	176	178	176	166	172.6
District C, total	135	6,550	158	151	169	164	172	176	172	181	168	172	162	155	167.5
Michigan	7	387	169	161	180	163	179	200	185	206	182	181	171	189	180.2
Ohio	61	3,577	164	155	173	166	171	177	173	181	170	179	162	154	169.4
Indiana	23	995	153	151	169	168	166	175	170	183	169	168	161	141	165.3
Illinois	34	1,482	140	136	155	159	174	168	166	175	159	159	161	158	161.0
Wisconsin	10	109	162	123	127	135	175	175	187	175	182	161	177	155	168.4
District D, total	50	1,402	151	137	160	165	171	175	172	177	170	174	164	151	165.9
Minnesota	5	182	186	159	192	176	206	212	204	208	205	200	175	174	195.6
North Dakota and South Dakota	4/3	38	183	113	181	192	178	211	213	210	181	223	198	187	195.3
Iowa	13	520	151	131	152	165	172	175	171	181	172	176	171	150	166.7
Missouri	14	283	137	134	160	156	169	158	154	164	149	156	153	129	152.5
Nebraska and Kansas	5/15	379	150	141	157	166	155	163	161	157	159	168	152	156	157.6
District E, total	87	3,810	165	166	177	171	178	180	175	183	174	178	170	165	173.9
Delaware, Maryland, and District of Columbia	6/16	716	171	167	185	171	181	190	176	189	179	179	184	174	179.0
West Virginia	7	345	166	160	171	164	164	165	165	168	165	162	160	157	163.9
Virginia	18	846	171	171	173	173	181	180	179	186	176	180	162	152	173.9
North Carolina	22	878	155	172	174	169	167	177	171	175	167	172	168	160	169.0
Kentucky	10	226	166	169	176	174	182	175	176	188	188	172	177	178	177.4
Tennessee	14	799	162	153	179	175	190	185	179	189	175	191	171	175	178.1
District F, total	52	3,016	162	153	163	159	165	166	166	170	167	168	168	157	163.8
South Carolina	11	556	156	159	159	164	175	177	172	177	170	173	164	164	167.5
Georgia and Florida	7/9	817	178	164	167	169	171	166	169	176	176	181	174	167	171.6
Alabama	15	725	148	141	160	151	157	163	156	153	155	159	162	150	154.8
Mississippi	4	240	167	159	170	168	141	156	190	182	176	166	152	154	164.8
Louisiana and Arkansas	8/13	678	161	148	164	147	170	162	159	173	162	158	174	149	160.5
District G, total	31	1,227	155	146	161	156	165	160	152	159	147	157	148	149	154.7
Oklahoma	7	197	145	139	146	153	154	145	145	156	146	151	145	141	147.3
Texas	24	1,030	157	147	164	157	167	163	153	160	147	159	148	151	156.2
District H, total	65	1,168	153	152	160	172	175	173	172	183	173	171	164	156	168.9
Montana, Idaho, and Wyoming	9/9	76	174	92	144	198	166	155	154	167	155	158	156	149	158.2
Colorado	13	175	136	189	101	176	176	176	182	168	171	153	173	146	167.1
New Mexico	4	116	136	131	132	166	170	135	143	167	179	160	160	160	153.3
Utah, Nevada, and Arizona	10/8	198	148	137	150	161	162	172	162	181	166	161	150	125	158.0
Washington and Oregon	11/14	215	148	146	184	156	171	156	153	183	170	153	159	152	162.4
California	17	388	169	166	177	185	187	197	192	197	181	199	172	181	185.7
By size of plant															
1 to 20 wage earners	171	1,912	134	125	150	158	162	168	164	166	165	160	147	138	157.1
21 to 100	335	15,352	158	153	169	168	173	178	171	179	170	171	168	160	169.0
101 to 500	33	4,932	166	159	175	166	181	177	176	183	172	177	169	164	172.6

For footnotes on the Brick and Hollow Structural Tile industry, see page 67.

TERRA COTTA																
Total for man-hour tabulations	1/12	1/1,099	172	159	191	179	181	182	172	174	175	184	175	164	175.6	
The North (First 2 groups of States below)	9	806	174	167	194	180	180	180	172	176	177	187	178	166	177.6	
The West (3rd group)	3	293	168	139	182	176	184	187	172	170	168	174	164	156	169.9	
<u>By districts and States</u>																
New York, New Jersey, and Pennsylvania	2/6	577	174	166	197	185	182	180	171	175	175	180	178	168	177.4	
Illinois and Missouri	3/3	229	175	168	187	169	176	178	176	178	183	207	179	162	178.2	
Colorado, Washington, and California	4/3	293	168	139	182	176	184	187	172	170	168	174	164	156	169.9	
<u>By size of plant</u>																
1 to 100 wage earners	5/7	310	165	149	180	167	175	165	163	149	158	175	171	147	164.0	
101 to 500	5	789	176	164	196	185	184	188	176	183	181	187	176	168	180.1	

For footnotes on the Terra Cotta industry, see page 67.

TABLE 4.--AVERAGE MAN-HOURS PER WAGE EARNER, BY MONTHS, BY DISTRICTS AND STATES AND BY SIZE CLASSES,

FOR SELECTED ESTABLISHMENTS IN 171 INDUSTRIES: 1939---Continued

District, State, and class	Estab-lish-ments	Wage earners (average for year)	Monthly average hours per wage earner													For year
			Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.		
ROOFING TILE																
Total for man-hour tabulations	1/16	1/628	155	149	131	154	167	171	169	168	161	172	163	155	159.9	
The North (First group of States below)	5	413	158	159	115	149	167	167	171	171	158	171	163	152	158.6	
The South (2nd group)	3	107	125	103	172	169	164	181	164	160	181	168	158	165	161.5	
The West (3rd group)	8	108	163	147	165	156	171	174	166	164	152	181	168	157	163.5	
By districts and States																
Ohio, Illinois, Kansas, Colorado, and Arizona	2/5	413	158	159	115	149	167	167	171	171	158	171	163	152	158.6	
North Carolina, Georgia, and Alabama	3/3	107	125	103	172	169	164	181	164	160	181	168	158	165	161.5	
California	8	108	163	147	165	156	171	174	166	164	152	181	168	157	163.5	
By size of plant																
1 to 20 wage earners	7	52	152	117	142	137	164	165	162	147	152	185	163	150	153.3	
21 to 500	4/9	576	156	152	130	155	167	172	169	169	162	171	163	156	160.5	
For footnotes on the Roofing Tile industry, see page 67.																

For footnotes on the Roofing Tile industry, see page 67.

FLOOR AND WALL TILE (EXCEPT QUARRY TILE)															
Total for man-hour tabulations	1/45	1/5,350	175	161	177	175	173	178	178	187	179	176	169	160	174.1
The North (Districts A and B)	30	4,248	176	159	175	176	172	176	177	187	182	181	169	160	174.3
The West (District C)	15	1,102	175	169	184	172	176	188	178	185	166	157	169	160	173.2
By districts and States															
District A, total	15	1,377	154	147	170	166	178	176	170	193	170	183	174	166	171.1
New Jersey	10	759	167	165	191	182	187	185	174	203	174	181	179	168	179.8
Pennsylvania	5	618	142	129	147	146	164	163	164	182	165	186	167	164	160.4
District B, total	15	2,871	186	165	177	181	169	176	181	184	187	180	167	158	175.9
Ohio	5	1,763	191	170	178	191	175	178	192	181	190	177	172	153	178.9
N. Y., Ind., Wis., Minn., W. Va., Ky., and Ga.	2/10	1,108	179	157	175	164	161	172	164	190	182	184	158	165	171.1
District C--California	15	1,102	175	169	184	172	176	188	178	185	166	157	169	160	173.2
By size of plant															
1 to 20 wage earners	14	115	170	160	170	172	164	169	157	165	163	192	173	166	168.3
21 to 100	15	818	167	164	193	178	187	189	180	195	180	184	184	164	180.7
101 to 2,500	2/16	4,417	177	161	174	174	170	176	178	186	179	174	166	160	173.0

For footnotes on the Floor and Wall Tile industry, see page 68.

SEWER PIPE AND KINDRED PRODUCTS															
Total for man-hour tabulations	1/60	1/6,041	159	152	165	146	166	172	166	169	164	165	161	156	162.0
The North (Districts A, B, and C)	40	4,038	155	149	163	134	164	171	164	168	162	163	157	149	158.7
The South (Districts D and E)	12	1,407	162	158	162	163	166	171	168	168	168	165	173	176	166.6
The West (District F)	8	596	176	156	183	171	180	182	171	182	174	178	168	162	173.7
By districts and States															
District A---Pennsylvania	5	727	147	150	164	131	167	166	161	170	160	163	152	139	155.9
District B, total	26	2,510	152	141	161	125	157	171	163	164	159	160	153	146	155.2
Maine, Michigan, and Ohio	2/22	2,075	151	142	161	112	149	168	161	161	154	157	150	142	151.9
Indiana and Illinois	3/4	435	157	134	164	171	189	189	172	178	184	175	168	166	170.9
District C, total	9	801	167	169	169	159	177	176	171	181	171	174	175	174	172.1
Minnesota, Iowa, and Kansas	4/6	487	170	172	166	160	172	173	165	166	167	170	166	174	168.6
Missouri	3	314	164	165	174	159	184	180	179	199	176	181	191	172	177.4
District D, total	7	756	165	157	162	167	168	172	171	171	170	161	175	176	168.0
Kentucky	3	305	144	121	137	144	150	162	149	161	152	158	170	157	150.5
Virginia, North Carolina, South Carolina, Tennessee	5/4	451	179	181	179	183	181	179	186	178	182	163	179	189	179.9
District E---Georgia, Alabama, and Texas	6/5	651	160	159	161	158	163	170	164	163	166	171	169	177	164.9
District F, total	8	596	176	156	183	171	180	182	171	182	174	178	168	162	173.7
Wyoming and Washington	2/3	94	149	110	151	146	155	172	155	177	166	177	168	160	159.3
California	5	502	181	164	188	174	183	184	174	183	176	178	168	163	176.5
By size of plant															
1 to 100 wage earners	8/31	2,022	163	151	165	152	163	174	169	173	160	167	162	154	163.2
101 to 500	29	4,019	157	152	165	143	167	171	164	167	166	164	161	157	161.4

For footnotes on the Sewer Pipe and Kindred Product industry, see page 68.

CLAY REFRACTORIES, INCLUDING REFRACTORY CEMENT (CLAY)															
Total for man-hour tabulations	1/136	1/10,257	142	133	143	134	146	143	139	155	153	171	160	152	148.7
The North (Districts A, B, C, and D)	97	7,130	144	136	146	134	148	144	142	158	156	173	163	155	151.2
The South (Districts E and F)	23	2,410	134	115	129	128	130	131	127	145	141	165	148	142	137.6
The West (District G)	16	717	155	154	163	157	169	160	151	158	163	177	165	155	160.8
By districts and States															
District A---Massachusetts and Connecticut	2/3	62	152	181	180	162	168	190	163	214	184	196	215	195	184.1
District B, total	48	3,400	132	124	136	124	134	133	127	144	148	170	165	151	142.5
New Jersey	8	348	155	153	157	158	169	166	157	165	169	175	166	169	163.5
Pennsylvania	40	3,052	129	121	134	120	129	129	123	141	146	169	165	149	140.1

TABLE 4.---AVERAGE MAN-HOURS PER WAGE EARNER, BY MONTHS, BY DISTRICTS AND STATES AND BY SIZE CLASSES,
FOR SELECTED ESTABLISHMENTS IN 171 INDUSTRIES: 1939---Continued

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District, State, and class	Estab- lish- ments	Wage earners (average for year)	Monthly average hours per wage earner												
			Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	For year
CLAY REFRACTORIES, INCLUDING REFRACTORY CEMENT (CLAY)---Continued															
District C, total	35	1,812	147	145	145	130	146	146	147	160	158	165	159	152	150.5
Michigan and Ohio	3/26	1,439	150	144	152	131	147	147	148	162	157	171	158	150	152.2
Indiana, Illinois, and Wisconsin	4/9	373	137	148	116	124	141	139	139	153	159	143	165	158	144.3
District D---Missouri	11	1,856	163	148	163	157	175	161	166	179	168	186	162	165	166.5
District E, total	16	1,806	130	118	131	124	120	125	120	135	145	165	147	136	134.8
Maryland and West Virginia	5/5	387	160	132	140	144	124	135	151	160	161	180	145	159	150.6
Kentucky	11	1,419	120	113	128	119	119	122	112	128	141	161	147	130	130.5
District F---S. C., Ga., Ala., and Tex.	6/7	604	145	107	123	138	156	148	143	172	129	166	150	158	145.9
District G, total	16	717	155	154	163	157	169	160	151	158	163	177	165	155	160.8
Colorado	4	220	158	143	168	166	180	163	172	175	177	182	167	162	168.4
Idaho, Washington, and Nevada	7/4	179	141	131	151	140	161	131	115	123	150	154	149	141	139.3
California	8	318	161	175	167	165	167	176	162	169	160	184	170	156	167.7
By size of plant															
1 to 20 wage earners	19	227	144	123	136	134	136	125	131	150	134	140	142	134	135.7
21 to 100	85	4,670	141	136	143	136	148	144	137	150	150	170	159	153	148.3
101 to 500	32	5,360	143	130	144	133	144	142	142	160	157	174	161	152	149.5

For footnotes on the Clay Refractories industry, see page 69.

CLAY PRODUCTS (EXCEPT POTTERY), NOT ELSEWHERE CLASSIFIED															
Total for man-hour tabulations	1/71	1,146	158	158	173	162	170	169	171	176	172	178	167	166	168.8
The North (Districts A and B)	52	1,034	161	165	179	169	177	171	172	179	173	184	168	172	172.9
The South (District C)	10	339	147	146	161	148	151	166	173	171	175	166	169	156	161.5
The West (District D)	9	87	164	130	148	138	163	159	146	154	146	155	142	130	148.2
By districts and States															
District A---Massachusetts and Pennsylvania	2/5	106	92	129	155	147	137	110	112	128	151	180	125	126	133.5
District B, total	47	928	167	168	183	172	182	179	179	185	176	185	174	175	177.4
Michigan	4	109	164	149	180	159	150	158	166	153	165	162	156	170	161.1
Ohio	28	662	169	171	185	172	185	181	180	191	179	188	178	177	179.9
Indiana, Illinois, Wisconsin, and Iowa	3/15	157	159	173	174	179	189	184	182	182	173	186	174	171	178.3
District C, total	10	339	147	146	161	148	151	166	173	171	175	166	169	156	161.5
Maryland, District of Columbia, and West Virginia	4/4	149	121	124	139	136	136	130	163	158	160	164	167	138	145.8
Kentucky and Tennessee	5/6	190	165	166	179	157	163	189	180	181	185	167	172	175	173.7
District D---Washington, Oregon, California	6/9	87	164	130	148	138	163	159	146	154	146	155	142	130	148.2
By size of plant															
1 to 20 wage earners	48	360	161	155	169	156	172	176	178	177	180	178	170	162	170.9
21 to 100	23	1,100	157	159	175	164	169	166	169	175	169	178	166	167	168.1

For footnotes on the Clay Products (Except Pottery) Not Elsewhere Classified industry, see page 69.

VITREOUS-CHINA PLUMBING FIXTURES															
Total for man-hour tabulations	1/25	1,454	161	155	176	161	168	172	161	177	168	167	169	170	167.2
By districts and States															
District A, total	15	2,360	162	156	179	164	171	176	159	179	168	161	169	166	167.5
New Jersey	10	1,799	160	152	181	163	172	173	167	179	169	171	171	166	168.9
Pennsylvania and West Virginia	2/5	561	173	170	170	164	168	185	137	177	162	132	164	166	163.3
District B, total	10	2,174	160	154	173	159	164	168	162	175	168	173	169	174	166.8
Ohio and Indiana	3/4	713	151	142	157	143	154	159	157	166	157	169	168	166	157.5
Illinois	3	570	191	178	183	174	163	163	169	171	173	170	171	173	172.9
Wisconsin and California	4/3	891	149	151	180	163	173	178	162	184	174	177	168	181	170.2
By size of plant															
1 to 100 wage earners	5/11	666	155	156	184	169	160	168	167	175	177	173	169	170	168.7
101 to 2,500	6/14	3,868	162	155	175	160	169	173	160	177	166	166	169	170	166.9

For footnotes on the Vitreous-China Plumbing Fixtures industry, see page 70.

HOTEL CHINA															
Total for man-hour tabulations	1/14	1,358	145	148	159	153	155	163	149	166	153	161	168	157	156.7
The North (Districts A and B)	10	2,878	144	148	162	153	158	168	151	170	156	163	172	157	158.8
The South (District C)	4	702	147	150	151	151	142	143	141	151	139	151	153	157	148.0
By districts and States															
District A, total	7	2,398	144	148	165	154	160	170	152	174	158	166	177	160	161.1
New York and California	2/4	1,125	138	145	177	154	157	179	151	189	156	165	193	160	164.1
Pennsylvania	3	1,273	149	152	154	154	163	162	153	161	160	168	163	160	158.5
District B---Ohio	3	480	144	145	147	150	149	159	143	152	149	145	144	142	147.3
District C---West Virginia	4	702	147	150	151	151	142	143	141	151	139	151	153	157	148.0

For footnotes on the Hotel China industry, see page 70.

TABLE 4.---AVERAGE MAN-HOURS PER WAGE EARNER, BY MONTHS, BY DISTRICTS AND STATES AND BY SIZE CLASSES,
FOR SELECTED ESTABLISHMENTS IN 171 INDUSTRIES: 1939---Continued

District, State, and class	Estab- lish- ments	Wage earners (average for year)	Monthly average hours per wage earner												For year
			Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	
WHITWARE															
Total for man-hour tabulations	1/24	1/10,962	162	159	166	158	161	158	157	162	161	168	165	161	161.7
The North (First group of States below)	15	5,379	171	165	178	166	167	166	165	168	168	180	176	171	170.3
The South (2nd group)	5	5,055	153	153	154	150	157	151	148	157	154	157	154	151	153.3
The West (3rd group)	4	528	165	163	165	154	142	139	145	145	146	155	158	163	153.5
By districts and States															
Pennsylvania, Michigan, and Ohio	2/15	5,379	171	165	178	166	167	166	165	168	168	180	176	171	170.3
West Virginia and Tennessee	3/5	5,055	153	153	154	150	157	151	148	157	154	157	154	151	153.3
Illinois and California	4/4	528	165	163	165	154	142	139	145	145	146	155	158	163	153.5
By size of plant															
21 to 500 wage earners	5/18	4,459	163	163	174	162	156	157	150	162	166	171	174	169	164.2
501 and over	6/6	6,503	162	157	161	155	165	159	162	163	158	166	158	155	159.9
For footnotes on the Whiteware industry, see page 70.															
PORCELAIN ELECTRICAL SUPPLIES															
Total for man-hour tabulations	1/35	1/5,284	160	154	173	153	170	169	159	171	165	177	173	166	166.1
The North (Districts A and B)	29	4,169	161	158	175	156	170	169	159	170	166	178	176	166	167.3
The South (District C)	6	1,115	155	142	163	145	170	168	161	173	160	171	163	164	161.6
By districts and States															
District A, total	17	2,432	156	156	170	149	169	166	155	170	168	175	177	165	165.2
New York	3	603	155	164	186	160	160	180	161	166	188	165	185	170	170.7
Connecticut, New Jersey, and Pennsylvania	2/14	1,829	156	153	164	146	172	162	153	172	161	179	174	164	163.4
District B, total	12	1,737	169	160	183	164	171	173	163	171	165	183	174	167	170.3
Michigan and Ohio	3/8	1,202	171	160	181	161	171	167	162	158	166	186	168	165	168.2
Indiana, Illinois, Wisconsin, and California	4/4	535	162	160	187	171	171	184	165	200	162	176	186	170	174.9
District C---Maryland, West Virginia, Tennessee	5/6	1,115	155	142	163	145	170	168	161	173	160	171	163	164	161.6
By size of plant															
1 to 100 wage earners	6/15	898	143	146	158	143	161	160	154	168	158	178	162	166	158.6
101 to 500	20	4,386	163	156	176	155	172	171	160	171	166	177	175	165	167.6
For footnotes on the Porcelain Electrical Supplies industry, see page 70.															
POTTERY PRODUCTS NOT ELSEWHERE CLASSIFIED															
Total for man-hour tabulations	1/11	1/5,196	166	163	180	170	178	166	161	175	169	178	178	168	171.0
The North (Districts A, B, and C)	64	4,105	164	162	181	170	174	165	160	176	169	178	177	169	170.6
The South (District D)	23	325	167	167	176	173	174	163	160	169	162	176	174	164	168.8
The West (District E)	24	766	171	166	177	168	199	175	167	169	171	175	189	162	174.1
By districts and States															
District A, total	20	1,052	173	164	180	168	172	170	169	179	176	200	187	177	176.5
New Jersey	9	813	171	162	177	168	167	169	168	177	174	200	192	177	175.5
Massachusetts, New York, and Pennsylvania	2/11	239	182	171	187	168	188	176	172	187	181	198	171	177	179.9
District B, total	40	2,855	161	161	183	170	175	164	157	176	166	171	174	166	168.8
Ohio	27	2,209	157	158	179	168	173	164	152	172	160	166	170	163	165.3
Michigan and Indiana	3/4	127	183	178	203	188	192	191	197	181	196	179	173	175	185.8
Illinois and Wisconsin	4/9	519	176	168	198	178	179	157	172	190	186	188	186	173	179.8
District C---Minn., Mo., Nebr., and Kans.	5/4	198	160	163	169	169	173	156	161	166	169	167	165	168	165.6
District D, total	23	325	167	167	176	173	174	163	160	169	162	176	174	164	168.8
Md., D. C., W. Va., N. C., Ky., and Tenn.	6/11	159	166	160	175	166	164	153	152	164	156	174	167	158	163.0
South Carolina, Georgia, Mississippi, and Arkansas	7/6	89	160	173	176	182	193	171	176	188	177	177	196	187	179.5
Oklahoma and Texas	8/6	77	178	175	181	179	170	172	157	161	160	178	161	156	168.6
District E---Colo., N. Mex., Wash., Oreg., and Calif.	9/24	766	171	166	177	168	199	175	167	169	171	175	189	162	174.1
By size of plant															
1 to 20 wage earners	64	508	161	162	175	175	170	169	159	168	173	165	164	155	166.4
21 to 100	32	1,428	170	165	176	170	177	168	167	176	177	180	175	172	173.0
101 to 2,500	10/15	3,260	164	162	183	169	179	165	159	176	165	178	182	167	170.9
For footnotes on the Pottery Products Not Elsewhere Classified industry, see page 71.															

FOR SELECTED ESTABLISHMENTS IN 171 INDUSTRIES: 1939---Continued

District, State, and class	Estab- lish- ments	Wage earners (average for year)	Monthly average hours per wage earner												For year
			Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	

FLAT GLASS---Continued

By size of plant															
1 to 20 wage earners	3	34	154	170	174	202	199	194	137	126	129	163	146	122	153.7
21 to 100	3	118	174	140	163	149	118	136	117	194	146	181	196	174	162.3
101 to 500	17	4,652	158	144	163	145	147	148	141	155	154	163	160	160	153.4
501 to 2,500	10	11,817	147	130	147	111	122	127	118	144	146	158	146	145	137.1

For footnotes on the Flat Glass industry, see page 71.

GLASS CONTAINERS

Total for man-hour tabulations	1/69	1/24,738	155	151	166	161	168	167	164	168	161	171	159	155	162.5
The North (Districts A and B)	44	18,184	157	152	169	160	169	168	165	169	162	172	160	153	163.2
The South (Districts C and D)	18	4,993	151	148	158	165	163	163	165	165	158	168	162	166	161.3
The West (District E)	7	1,561	149	141	163	155	169	168	152	176	160	166	140	147	157.7

By districts and States

District A, total	25	8,394	157	157	174	160	175	166	169	172	162	176	162	156	165.5
New York	7	1,373	178	152	175	180	182	180	200	184	181	184	157	171	177.0
New Jersey	7	3,386	145	156	163	155	171	152	155	169	154	169	170	152	159.4
Pennsylvania	11	3,635	161	159	183	157	177	172	170	170	161	179	156	155	166.9

District B, total	19	9,790	157	148	165	160	164	171	161	166	162	169	159	150	161.2
Ohio	4	1,688	178	160	169	169	166	168	161	164	164	172	163	162	166.4
Indiana	9	4,577	152	148	161	155	160	165	164	169	157	166	159	136	157.9
Illinois and Washington	2/6	3,525	152	144	170	161	167	179	158	163	168	171	157	162	163.0

District C, total	10	3,737	148	148	157	166	160	161	164	165	159	172	165	169	161.6
Maryland	4	1,260	158	158	154	179	163	164	193	168	181	180	168	198	172.6
West Virginia and Tennessee	3/6	2,477	143	143	159	159	158	160	150	163	149	168	163	154	156.0

District D, total	8	1,256	162	148	160	164	170	167	166	165	153	156	150	153	160.3
South Carolina, Mississippi, and Texas	4/3	606	170	144	145	169	173	174	164	167	157	160	165	161	163.0
Oklahoma	5	650	155	152	172	159	168	162	167	162	150	152	127	140	157.7

District E---California	7	1,561	149	141	163	155	169	168	152	176	160	166	140	147	157.7
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By size of plant

1 to 100 wage earners	5/10	597	170	149	163	158	167	166	165	177	165	163	158	162	164.0
101 to 500	43	10,724	154	151	167	162	173	169	168	172	166	172	161	159	164.7
501 to 2,500	16	13,417	156	151	166	160	163	166	161	165	157	171	158	152	160.6

For footnotes on the Glass Container industry, see page 72.

TABLEWARE, PRESSED OR BLOWN GLASS AND GLASSWARE NOT ELSEWHERE CLASSIFIED

Total for man-hour tabulations	1/83	1/24,067	145	145	160	148	155	154	137	156	152	160	153	155	152.0
The North (Districts A and B)	54	20,139	149	147	165	150	157	156	137	159	154	164	155	156	154.3
The South (District C)	22	3,735	128	133	136	138	144	142	138	140	138	136	139	149	138.5
The West (District D)	7	193	157	158	161	186	160	178	164	162	196	164	170	184	169.7

By districts and States

District A, total	32	10,789	147	144	157	151	161	156	130	160	160	171	154	156	154.1
Massachusetts, Rhode Island, New York, New Jersey	2/12	4,801	156	146	163	154	160	162	121	165	160	167	164	161	156.7
Pennsylvania	20	5,988	140	142	151	149	161	152	137	157	160	175	147	151	151.9

District B, total	22	9,350	151	151	175	149	153	156	145	157	148	156	157	155	154.5
Ohio	13	7,561	153	151	177	147	152	156	144	154	147	153	153	155	153.4
Indiana	6	1,377	146	158	169	159	159	157	156	176	150	164	171	157	160.6
Illinois	3	412	136	134	162	145	157	157	133	153	163	181	179	155	155.2

District C, total	22	3,735	128	133	136	138	144	142	138	140	138	136	139	149	138.5
West Virginia	16	3,388	128	132	136	135	142	140	134	140	134	141	140	149	137.7
Tennessee, Arkansas, Oklahoma, and Texas	3/6	347	121	147	141	171	158	159	176	145	174	90	131	152	145.8

District D---California	7	193	157	158	161	186	160	178	164	162	196	164	170	184	169.7
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By size of plant

1 to 20 wage earners	12	130	153	141	163	148	151	155	138	136	148	129	148	169	149.7
21 to 100	21	1,134	138	147	165	153	158	161	146	146	165	156	164	168	156.1
101 to 500	39	9,351	144	147	156	146	149	152	143	157	157	161	153	156	151.7
501 to 2,500	11	13,452	147	143	163	149	160	155	134	157	150	160	152	153	151.8

For footnotes on the Pressed or Blown Glass Tableware industry, see page 72.

NONCLAY REFRACTORIES

Total for man-hour tabulations	1/37	1/4,531	137	122	149	131	132	139	124	143	146	168	155	153	143.7
The North (Districts A and B)	33	4,406	137	121	148	131	131	139	123	142	146	168	155	153	143.5
The West (District C)	4	125	151	147	165	154	160	153	156	144	149	160	153	153	153.8

By districts and States

District A, total	25	3,454	135	118	145	128	126	140	126	144	151	171	160	152	144.1
Massachusetts, Connecticut, New York, New Jersey	2/6	302	159	145	167	155	160	172	144	168	174	169	172	173	163.8
Pennsylvania and Maryland	3/19	3,152	132	115	143	126	122	137	124	142	149	172	159	151	142.2

District B---Ohio, Ind., Ill., Tenn., and Ala.	4/8	952	145	134	159	138	146	133	115	136	130	157	137	154	141.2
District C---Montana, Utah, and California	5/4	125	151	147	165	154	160	153	156	144	149	160	153	153	153.8

TABLE 4.--AVERAGE MAN-HOURS PER WAGE EARNER, BY MONTHS, BY DISTRICTS AND STATES AND BY SIZE CLASSES,
FOR SELECTED ESTABLISHMENTS IN 171 INDUSTRIES: 1939--Continued

District, State, and class	Estab- lish- ments	Wage earners (average for year)	Monthly average hours per wage earner												For year
			Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	

NONCLAY REFRACTORIES---Continued															
By size of plant															
1 to 20 wage earners	4	25	92	124	163	113	186	161	158	143	193	164	180	152	155.1
21 to 100	16	905	127	125	136	119	124	135	133	142	133	155	153	149	139.1
101 to 500	17	3,601	140	122	152	134	133	140	122	143	149	172	155	154	144.8
For footnotes on the Nonclay Refractories industry, see page 73.															

PRIMARY SMELTING AND REFINING OF NONFERROUS METALS															
Total for man-hour tabulations	1/39	1/19,334	170	162	173	168	174	169	169	172	170	177	173	176	171.2
Copper smelting and refining	11	7,631	179	176	179	178	179	178	179	179	178	179	178	180	178.5
Lead smelting and refining	10	2,546	171	165	174	171	176	174	166	176	166	176	174	172	172.0
Zinc, aluminum, and antimony	18	9,157	162	150	167	158	170	160	162	166	163	175	168	174	164.8
All 5 products, jointly															
The North (Districts A and B)	17	9,689	162	153	166	160	170	161	163	166	163	173	169	175	165.2
The South (District C)	10	4,331	176	164	178	171	177	173	172	177	174	179	169	174	173.7
The West (District D)	12	5,314	179	177	182	180	180	181	178	181	178	182	182	180	180.1
By districts and States															
District A---New York, New Jersey, Pennsylvania	2/7	6,930	161	153	165	160	172	162	163	166	163	175	170	178	165.9
District B, total	10	2,759	166	153	168	159	164	158	162	167	163	167	165	168	163.5
Michigan, Ohio, and Indiana	3/3	388	161	151	158	154	169	165	167	176	168	172	165	170	165.0
Illinois, Missouri, and Nebraska	4/7	2,371	167	153	170	160	164	157	162	165	162	166	165	167	163.2
District C, total	10	4,331	176	164	178	171	177	173	172	177	174	179	169	174	173.7
Maryland, West Virginia, North Carolina, Tennessee	5/5	3,008	176	164	181	171	179	174	174	179	173	178	169	176	174.4
Arkansas, Oklahoma, and Texas	6/5	1,323	174	164	173	170	175	172	167	172	178	181	170	171	172.2
District D---Mont., Idaho, Wash., Colo., Utah, Nev., Ariz., and Calif.	7/12	5,314	179	177	182	180	180	181	178	181	178	182	182	180	180.1
By size of plant															
41 to 500 wage earners	8/27	6,669	172	164	173	169	173	170	167	172	170	176	174	174	171.4
501 to 2,500	12	12,665	169	162	173	167	175	169	170	172	170	177	172	177	171.1
For footnotes on the Primary Smelting and Refining of Nonferrous Metals industry, see page 73.															

SECONDARY SMELTING AND REFINING OF NONFERROUS METALS, NOT ELSEWHERE CLASSIFIED															
Total for man-hour tabulations	1/56	1/2,769	159	157	165	165	169	166	163	173	168	178	165	172	166.9
The North (Districts A and B)	47	2,497	157	156	164	164	168	165	161	173	168	178	164	171	166.2
The South (District C)	5	143	166	160	172	173	181	164	174	173	146	179	175	192	170.8
The West (District D)	4	129	170	167	178	174	177	177	177	180	179	178	176	178	176.0
By districts and States															
District A, total	19	964	174	169	175	172	185	172	162	179	172	185	171	171	174.0
Massachusetts, New York, and New Jersey	2/12	639	172	170	173	173	187	173	161	180	174	187	174	172	174.5
Pennsylvania	7	325	178	168	179	172	181	170	165	178	167	182	167	170	172.8
District B, total	28	1,533	147	149	157	159	157	161	161	169	166	174	160	171	161.3
Michigan, Ohio, and Indiana	3/12	498	182	162	172	177	172	188	166	183	182	190	177	171	176.9
Illinois, Wisconsin, and Missouri	4/16	1,035	130	143	150	151	151	150	158	163	158	166	151	171	153.8
District C---Del., N. C., Fla., Tenn., Okla.	5/5	143	166	160	172	173	181	164	174	173	146	179	175	192	170.8
District D---Colorado, Washington, California	6/4	129	170	167	178	174	177	177	177	180	179	178	176	178	176.0
By size of plant															
1 to 20 wage earners	30	253	166	169	191	173	179	182	176	180	186	178	182	181	178.8
21 to 100	20	1,370	172	163	173	174	173	170	169	176	170	182	172	176	172.7
101 to 500	6	1,146	139	148	150	153	162	156	152	168	161	174	154	165	157.2
For footnotes on the Secondary Smelting and Refining of Nonferrous Metals Not Elsewhere Classified industry, see page 74.															

ALUMINUM WARE, KITCHEN, HOSPITAL, AND HOUSEHOLD (EXCEPT ELECTRICAL APPLIANCES)															
Total for man-hour tabulations	1/32	1/6,297	174	168	189	164	172	176	153	185	170	181	181	164	173.1
By districts and States															
N. Y., N. J., Pa., Mich., Ill., Ga., and Calif.	2/12	1,860	174	168	196	159	175	183	167	187	156	178	182	165	174.0
Ohio	9	1,187	166	158	160	138	142	139	164	192	184	185	170	166	164.1
Wisconsin	11	3,250	178	173	197	176	179	182	142	182	173	181	185	163	175.8
By size of plant															
1 to 20 wage earners	8	79	119	137	141	143	130	143	119	145	154	147	164	135	140.0
21 to 100	13	751	167	162	169	168	165	168	163	171	176	182	183	163	169.9
101 to 2,500	3/11	5,467	176	169	193	163	174	177	152	187	169	182	181	165	174.0
For footnotes on the Aluminum Kitchen, Hospital, and Household Ware industry, see page 74.															

ALUMINUM PRODUCTS (INCLUDING ROLLING AND DRAWING AND EXTRUDING), NOT ELSEWHERE CLASSIFIED															
Total for man-hour tabulations	1/95	1/16,431	163	154	181	169	176	176	162	178	160	179	174	168	170.4
The North (First 3 groups of States below)	84	16,020	164	155	180	170	176	176	162	178	159	179	175	169	170.5
The West (4th group)	11	411	138	142	184	148	183	173	153	184	172	196	158	162	166.4

FOR SELECTED ESTABLISHMENTS IN 171 INDUSTRIES: 1939---Continued

District, State, and class	Estab- lish- ments	Wage earners (average for year)	Monthly average hours per wage earner												For year
			Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	

ALUMINUM PRODUCTS (INCLUDING ROLLING AND DRAWING AND EXTRUDING), NOT ELSEWHERE CLASSIFIED---Continued

By districts and States #

Massachusetts, Rhode Island, and Connecticut . . .	2/6	740	158	150	181	160	170	179	165	177	156	178	171	167	168.2
N. Y., N. J., Pa., W. Va., Ohio, Mich., Wis., Minn. . .	3/56	10,712	161	150	178	164	172	171	157	176	152	179	175	166	167.2
Ind., Ill., Mo., Nebr., Ky., Tenn., Okla., Tex. . .	4/22	4,568	171	167	187	183	186	186	175	183	177	179	175	174	178.6
Utah, Washington, and California	5/11	411	138	142	184	148	183	173	153	184	172	196	158	162	166.4

For footnotes on the Aluminum Products Not Elsewhere Classified industry, see page 74.

ALLOYING AND ROLLING AND DRAWING OF NONFERROUS METALS, EXCEPT ALUMINUM															
Total for man-hour tabulations	1/113	1/34,926	166	161	185	162	172	183	164	186	182	193	187	176	177.1
The North (Districts A, B, C, and D)	100	33,613	167	161	186	162	172	183	164	187	182	193	187	176	177.4
The South (District E)	7	1,001	157	140	162	141	161	172	166	186	178	185	183	157	167.2
The West (District F)	6	312	155	164	182	202	186	186	169	181	173	179	173	168	177.0
<u>By districts and States</u>															
District A, total	29	17,896	164	160	188	156	173	182	161	187	184	192	188	178	176.9
Massachusetts	6	637	167	153	180	158	163	175	167	196	196	205	205	178	179.9
Rhode Island	4	982	156	155	187	159	172	197	176	194	171	182	184	159	174.9
Connecticut	19	16,277	164	160	189	156	173	181	160	187	185	193	188	179	176.9
District B, total	35	8,143	168	160	178	172	170	173	161	182	174	191	187	173	174.8
New York	16	4,846	165	154	179	178	169	174	154	184	168	190	189	169	173.6
New Jersey	5	1,789	173	172	182	175	176	172	174	182	184	195	185	177	179.2
Pennsylvania	14	1,508	170	162	173	153	165	169	165	178	181	192	183	179	173.6
District C, total	32	7,435	172	167	187	165	174	200	174	189	185	197	186	176	181.4
Michigan	13	3,011	171	166	185	170	174	213	173	191	177	199	191	176	182.5
Ohio and Indiana	2/7	1,738	158	159	182	154	162	192	169	175	205	191	179	189	177.4
Illinois and Wisconsin	3/12	2,686	181	173	191	166	181	191	180	197	181	199	185	167	182.7
District D---Missouri and Kansas	4/4	139	173	160	182	154	153	173	160	180	170	185	182	175	171.0
District E---Maryland, Virginia, Georgia, Texas	5/7	1,001	157	140	162	141	161	172	166	186	178	185	183	157	167.2
District F---Washington and California	6/6	312	155	164	182	202	186	186	169	181	173	179	173	168	177.0
<u>By size of plant</u>															
1 to 20 wage earners	39	393	164	160	184	169	174	178	162	181	176	182	184	184	175.1
21 to 100	26	1,334	155	163	178	172	176	181	158	178	180	190	188	177	175.4
101 to 500	30	7,622	161	157	177	161	166	185	167	183	177	186	182	171	173.3
501 and over	7/18	25,577	168	162	188	161	174	183	163	188	183	195	189	177	178.3

For footnotes on the Alloying and Rolling and Drawing of Nonferrous Metals Except aluminum industry, see page 75.

NONFERROUS METAL FOUNDRIES, EXCEPT ALUMINUM															
Total for man-hour tabulations	1/349	1/6,950	153	152	173	156	161	165	154	173	166	177	176	170	165.4
The North (Districts A, B, C, and D)	274	5,863	151	150	172	154	159	162	153	172	166	177	176	170	164.1
The South (Districts E and F)	29	527	167	166	179	174	172	186	170	186	174	184	185	177	176.9
The West (District G)	46	560	161	155	179	164	171	171	158	175	165	169	172	165	167.4
<u>By districts and States</u>															
District A, total	44	617	159	164	175	166	167	173	171	172	181	183	187	189	174.9
New Hampshire, Vermont, and Massachusetts	2/20	279	168	166	181	163	170	182	155	176	168	187	199	185	175.8
Rhode Island and Connecticut	3/24	338	152	163	170	170	166	166	184	169	191	181	177	192	174.2
District B, total	88	1,726	145	142	165	148	149	155	151	168	165	178	172	172	159.9
New York	30	73	149	147	173	162	170	163	160	183	166	175	172	165	165.6
New Jersey	16	173	152	158	176	163	152	172	145	161	174	188	180	180	166.9
Pennsylvania	42	820	141	134	156	132	130	145	144	156	163	180	170	176	153.3
District C, total	129	2,114	157	152	174	156	161	165	151	171	166	177	174	168	165.1
Michigan	16	488	151	144	170	158	163	168	153	183	168	175	170	161	164.1
Ohio	52	1,498	158	153	173	150	156	159	145	167	162	184	182	171	164.5
Indiana	10	130	134	143	169	156	146	178	146	179	165	155	167	164	158.8
Illinois	32	521	160	152	177	159	166	170	157	170	165	171	159	162	164.0
Wisconsin	19	367	168	161	180	173	174	173	166	173	179	172	168	178	172.2
District D, total	13	516	129	148	179	148	168	156	149	185	151	162	187	153	160.0
Minnesota and Iowa	4/7	110	142	151	171	145	150	157	160	188	148	162	178	141	158.1
Missouri	6	356	124	147	182	149	176	155	144	184	152	163	191	158	160.9
District E, total	14	287	169	171	178	170	173	184	159	185	176	185	186	181	176.9
Delaware, Maryland, and West Virginia	5/9	173	161	160	179	158	170	174	163	176	172	186	185	188	174.0
Kentucky and Tennessee	6/5	114	177	188	175	185	177	199	153	198	183	184	188	169	181.2
District F, total	17	440	165	160	187	179	171	189	184	189	172	183	185	171	176.9
Georgia, Florida, Alabama, Louisiana, and Arkansas	7/7	76	163	158	177	171	165	180	196	178	181	180	188	168	176.7
Oklahoma and Texas	8/8	144	164	161	177	173	174	193	179	193	168	184	183	172	177.0
District G, total	46	560	161	155	179	164	171	171	158	175	165	169	172	165	167.4
Colorado and Oregon	1/7	7	168	168	177	174	165	176	166	174	194	167	170	189	176.1
Washington	7	45	183	180	187	160	177	164	163	186	169	182	178	174	174.2
California	11	147	168	177	177	183	171	171	156	174	161	168	169	160	165.4

TABLE 4.---AVERAGE MAN-HOURS PER WAGE EARNER, BY MONTHS, BY DISTRICTS AND STATES AND BY SIZE CLASSES,
FOR SELECTED ESTABLISHMENTS IN 171 INDUSTRIES: 1939---Continued

District, State, and class	Estab- lish- ments	Wage earners (average for year)	Monthly average hours per wage earner												For year
			Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	

NONFERROUS METAL FOUNDRIES, EXCEPT ALUMINUM---Continued															
By size of plant															
1 to 20 wage earners	263	2,190	151	154	177	159	161	170	156	172	171	173	172	171	166.0
21 to 100	77	3,172	157	154	173	157	162	166	154	172	167	177	176	172	166.1
101 to 500	9	1,588	147	143	168	152	158	155	153	175	158	182	181	166	162.9
For footnotes on the Nonferrous Metal Foundries Except Aluminum industry, see page 75.															

NONFERROUS METAL PRODUCTS NOT ELSEWHERE CLASSIFIED															
Total for man-hour tabulations	1/248	1/21,178	165	161	180	168	169	180	163	185	176	183	180	172	173.9
The North (Districts A, B, C, and D)	212	20,597	165	161	180	168	169	180	163	185	176	183	180	172	174.0
The South (Districts E and F)	15	208	162	168	179	173	181	178	162	179	167	202	185	178	176.3
The West (District G)	21	373	156	158	178	166	166	173	162	171	164	178	171	174	168.1
By districts and States															
District A, total	18	2,207	160	158	205	158	168	184	156	177	198	190	175	185	176.4
Massachusetts	11	191	159	149	171	164	162	157	155	160	181	179	183	176	166.6
Connecticut	7	2,016	160	159	208	157	169	187	156	179	200	191	174	186	177.3
District B, total	82	5,165	167	158	181	168	170	182	156	188	184	186	185	177	175.9
New York	52	2,713	163	157	177	171	165	181	148	187	186	162	178	184	192.0
New Jersey	16	545	157	147	169	153	168	167	152	172	159	182	163	165	163.1
Pennsylvania	14	1,907	174	164	190	170	178	187	169	195	188	188	183	176	180.5
District C, total	99	12,973	165	163	176	170	169	179	167	186	170	181	178	168	172.9
Michigan	26	3,562	167	163	185	163	170	182	164	183	134	176	182	169	169.7
Ohio	26	5,507	168	164	176	171	174	181	170	185	185	183	178	169	175.4
Indiana	6	657	154	158	173	159	160	163	177	172	200	179	160	181	170.5
Illinois	33	2,835	162	160	166	179	160	173	165	195	176	182	180	162	172.3
Wisconsin	8	412	158	162	182	171	180	181	167	183	177	183	171	167	173.5
District D---Minnesota, Missouri, and Kansas	2/13	252	162	157	184	167	182	157	168	181	170	185	184	159	171.9
District E, total	12	170	168	162	177	167	176	179	162	180	174	213	183	182	177.1
Delaware, Maryland, West Virginia, and Virginia	3/9	133	174	163	177	163	183	185	162	186	177	218	187	184	180.1
Kentucky and Tennessee	4/3	37	146	160	175	180	154	159	161	161	162	193	169	175	166.2
District F---Oklahoma and Texas	5/3	38	136	196	189	196	204	171	160	174	141	157	198	155	172.7
District G, total	21	373	156	158	178	166	166	173	162	171	164	178	171	174	168.1
Utah, Washington, and Oregon	6/5	83	131	134	164	149	147	152	121	142	145	160	138	148	144.4
California	16	290	163	166	182	172	172	179	173	180	169	182	178	180	174.9
By size of plant															
1 to 20 wage earners	134	1,030	157	157	184	161	168	175	157	175	172	178	176	172	169.5
21 to 100	67	3,313	160	157	175	164	170	176	166	180	173	183	178	172	171.7
101 to 500	37	7,671	168	165	182	167	171	172	162	190	178	189	184	172	175.7
501 to 2,500	10	9,164	165	160	180	172	168	188	164	183	175	179	177	172	173.8
For footnotes on the Nonferrous Metal Products Not Elsewhere Classified industry, see page 76.															

SHEET METAL WORK NOT SPECIFICALLY CLASSIFIED															
Total for man-hour tabulations	1/737	1/14,659	160	158	179	166	176	176	165	179	169	168	176	169	170.2
The North (Districts A, B, C, and D)	503	11,200	162	160	182	167	177	177	168	180	171	169	178	172	172.0
The South (Districts E, F, and G)	106	1,484	162	161	178	167	178	180	163	178	168	168	176	165	170.3
The West (District H)	128	1,975	146	144	165	161	167	166	152	173	159	163	165	157	160.2
By districts and States															
District A, total	67	727	155	151	169	162	170	176	162	187	173	176	176	166	168.9
Maine, New Hampshire, and Vermont	2/6	57	155	149	152	143	159	159	143	181	155	162	170	146	156.6
Massachusetts	42	472	152	145	167	161	171	177	163	190	171	170	174	165	167.3
Rhode Island and Connecticut	3/19	198	163	167	178	171	170	178	167	183	184	193	183	173	176.0
District B, total	158	3,591	165	159	184	169	177	180	169	182	175	184	182	176	175.7
New York	70	1,233	159	157	170	167	170	172	162	173	173	178	177	172	169.7
New Jersey	40	1,141	167	157	192	169	182	184	170	187	170	181	179	175	176.1
Pennsylvania	48	1,217	169	164	190	171	180	183	175	187	183	194	191	181	181.4
District C, total	193	5,416	163	160	182	166	179	174	167	176	164	158	174	171	169.2
Michigan	25	416	139	138	156	139	154	150	154	164	136	120	150	136	145.1
Ohio	62	1,782	156	152	180	166	174	180	172	170	165	151	182	177	167.8
Indiana	22	527	163	158	164	172	209	162	144	160	163	161	165	172	167.0
Illinois	39	1,573	157	156	174	161	174	172	166	179	166	158	178	171	167.5
Wisconsin	25	1,118	191	189	215	176	187	184	176	194	172	186	172	171	183.6
District D, total	85	1,466	158	164	185	168	173	178	168	184	186	181	177	168	174.7
Minnesota, North Dakota, and South Dakota	4/31	572	147	164	188	171	175	172	164	173	175	183	173	158	170.9
Iowa	15	251	166	164	194	167	174	192	163	195	198	176	169	186	178.7
Missouri	25	426	165	164	178	163	170	180	180	191	180	187	188	162	176.0
Nebraska and Kansas	5/14	217	163	159	185	170	172	173	162	185	206	175	177	182	177.8
District E, total	50	759	160	157	177	168	182	179	159	178	169	169	170	163	169.1
Del., Md., D. C., and W. Va.	6/28	517	155	155	180	160	178	180	151	177	164	177	172	159	167.4
Virginia and North Carolina	7/12	132	173	173	180	197	187	161	161	164	165	141	165	196	171.1
Kentucky and Tennessee	8/10	110	160	147	160	166	193	193	195	197	197	173	164	147	174.9

TABLE 4.---AVERAGE MAN-HOURS PER WAGE EARNER, BY MONTHS, BY DISTRICTS AND STATES AND BY SIZE CLASSES,
FOR SELECTED ESTABLISHMENTS IN 171 INDUSTRIES: 1939---Continued

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District, State, and class	Estab- lish- ments	Wage earners (average for year)	Monthly average hours per wage earner													For year
			Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.		
SHEET METAL WORK NOT SPECIFICALLY CLASSIFIED---Continued																
District F, total	28	462	161	160	184	164	170	183	168	185	174	170	185	165	172.5	
South Carolina, Georgia, Florida, and Alabama	9/15	240	149	155	184	159	157	183	159	179	162	163	180	155	165.2	
Mississippi, Louisiana, and Arkansas	10/13	222	176	166	184	170	185	182	178	191	185	178	191	176	180.4	
District G---Oklahoma and Texas	11/28	263	167	173	171	173	179	181	164	167	155	162	176	171	170.0	
District H, total	128	1,975	146	144	165	161	167	166	152	173	159	163	165	157	160.2	
Montana, Idaho, Colorado, Utah, and Nevada	12/16	283	121	125	138	153	163	170	142	166	158	167	168	157	154.4	
Washington	21	199	133	125	154	135	143	154	143	154	159	145	156	133	145.0	
Oregon	11	279	150	148	158	156	169	153	153	184	148	152	164	148	157.3	
California	80	1,214	153	149	174	168	170	170	155	175	161	168	167	162	164.7	
By size of plant																
1 to 20 wage earners	548	4,278	152	149	170	160	165	174	158	171	167	168	170	164	164.3	
21 to 100	169	7,051	159	158	178	167	175	175	167	183	174	173	175	172	171.7	
101 to 500	20	3,330	174	169	194	172	192	180	171	180	163	160	185	171	174.7	

For footnotes on the Sheet Metal Work Not Specifically Classified industry, see page 77.

BLAST FURNACE PRODUCTS															
Total for man-hour tabulations	1/78	1,18,999	156	143	160	151	153	156	160	172	168	182	176	175	163.9
The North (Districts A and B)	65	15,700	153	142	159	150	152	154	158	171	168	183	177	176	163.3
The South (District C)	13	3,299	169	149	165	154	159	167	169	179	169	177	172	173	166.9
By districts and States															
District A, total	27	6,498	153	143	158	145	147	151	156	168	164	184	178	178	162.4
New York	6	1,282	172	160	177	165	166	159	167	171	173	189	182	175	172.1
Massachusetts and Pennsylvania	3/21	5,216	149	139	153	140	142	149	153	167	162	182	177	179	160.0
District B, total	38	9,202	152	142	159	153	155	156	159	173	171	182	176	174	164.0
Ohio	23	4,736	147	136	148	144	146	155	159	171	177	186	175	172	161.5
Indiana	3	1,605	154	148	171	159	161	147	148	169	164	173	174	173	162.8
Illinois	4	1,505	161	146	171	169	162	160	164	184	173	191	186	184	171.6
Michigan, Minnesota, Colorado, and Utah	4/8	1,356	160	151	173	159	170	164	165	171	159	169	170	171	165.4
District C, total	13	3,299	169	149	165	154	159	167	169	179	169	177	172	173	166.9
Md., W. Va., Va., Ky., and Tenn.	5/6	1,075	156	141	153	150	154	163	175	177	174	181	179	180	166.0
Alabama	7	2,224	174	152	171	156	161	169	165	180	166	175	169	169	167.3
By size of plant															
1 to 100 wage earners	6/27	1,831	175	161	163	163	170	169	176	181	170	182	179	179	174.2
101 to 500	41	10,540	155	143	159	150	153	155	160	169	168	181	173	173	162.4
501 to 2,500	10	6,628	153	141	161	150	150	155	155	175	169	183	180	177	163.5

For footnotes on the Blast-Furnace Products industry, see page 78.

STEEL WORKS AND ROLLING MILLS															
Total for man-hour tabulations	1/241	1,365,328	145	136	155	139	147	147	140	162	157	173	171	165	154.1
The North (Districts A, B, C, and D)	208	318,442	143	134	152	137	143	144	137	160	156	172	170	164	152.1
The South (District E)	23	37,911	159	153	173	157	169	169	162	177	167	179	178	174	168.5
The West (District F)	10	8,975	149	152	174	159	173	163	148	174	160	170	174	163	163.6
By districts and States															
District A---Mass., R. I., and Conn.	3/6	3,072	148	132	146	129	143	144	141	174	162	171	170	169	153.3
District B, total	105	155,207	137	130	148	133	140	142	133	155	151	170	168	163	149.0
New York	12	15,292	155	136	157	144	153	156	146	175	170	180	175	170	161.5
New Jersey	6	6,924	147	138	156	143	160	165	140	172	164	181	180	154	158.9
Pennsylvania	87	132,991	135	129	146	132	138	139	132	152	148	169	167	163	147.1
District C, total	92	155,465	148	137	157	139	146	145	141	164	161	175	173	164	154.9
Michigan	8	9,851	165	143	164	137	128	134	130	171	164	170	166	161	153.6
Ohio	42	71,214	142	131	150	132	140	147	141	161	162	174	172	162	152.2
West Virginia	11	13,002	138	133	146	136	145	146	144	159	149	167	163	150	148.4
Indiana	9	36,319	152	142	162	147	152	144	143	162	161	175	175	169	158.0
Illinois	22	25,079	153	148	170	152	160	145	143	175	160	180	177	170	162.2
District D---Wisconsin, Minnesota, Missouri	4/5	4,698	156	143	165	155	170	164	140	165	152	170	165	156	158.7
District E, total	23	37,911	159	153	173	157	169	169	162	177	167	179	178	174	168.5
Delaware, Maryland, Virginia, Kentucky, Tennessee	5/11	22,961	157	154	178	164	182	177	167	185	173	186	185	179	174.4
Georgia, Alabama, Oklahoma, and Texas	6/12	14,950	161	152	166	148	149	156	154	166	158	169	167	165	159.5
District F---Colorado, Washington, California	7/10	8,975	149	152	174	159	173	163	148	174	160	170	174	163	163.6
By size of plant															
1 to 100 wage earners	8/18	962	140	139	165	137	135	138	146	154	157	161	167	162	151.0
101 to 500	75	21,977	140	132	154	137	146	145	133	157	149	172	171	159	150.5
501 to 2,500	109	136,178	144	136	154	137	147	147	137	161	158	174	174	163	153.7
2,501 and over	39	206,211	145	137	155	141	147	147	143	163	158	172	170	166	154.7

For footnotes on the Steel Works and Rolling Mills industry, see page 78.

TABLE 4.—AVERAGE MAN-HOURS PER WAGE EARNER, BY MONTHS, BY DISTRICTS AND STATES AND BY SIZE CLASSES,
FOR SELECTED ESTABLISHMENTS IN 171 INDUSTRIES: 1939—Continued

District, State, and class	Estab- lish- ments	Wage earners (average for year)	Monthly average hours per wage earner												For year
			Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	
STEEL CASTINGS															
Total for man-hour tabulations	1/152	1/29,214	149	142	165	146	157	162	140	164	154	180	178	166	159.7
The North (Districts A, B, C, and D)	114	26,136	148	141	164	144	157	161	138	163	152	180	179	166	159.1
The South (District E)	13	1,302	153	158	174	167	166	168	160	166	177	180	166	177	167.9
The West (District F)	25	1,776	156	144	171	155	160	167	147	175	164	181	169	160	162.8
By districts and States															
District A---Massachusetts and Connecticut	2/5	379	141	142	179	158	155	179	162	158	168	178	194	158	165.4
District B, total	37	8,472	158	144	172	144	154	156	136	160	151	180	184	165	160.1
New York	7	1,351	159	144	180	152	176	152	145	183	162	180	212	168	170.9
New Jersey and Pennsylvania	3/30	7,121	158	144	171	143	150	157	135	156	149	179	178	165	158.1
District C, total	63	15,935	146	140	160	144	158	164	139	165	153	183	177	166	159.3
Michigan	11	1,426	134	138	150	145	157	159	138	151	142	167	170	154	151.2
Ohio and West Virginia	4/23	4,777	143	143	159	137	151	158	129	158	153	183	177	167	157.0
Indiana	6	2,017	167	156	176	154	170	176	154	185	156	192	186	175	171.6
Illinois and Wisconsin	5/23	7,715	144	134	158	146	158	166	142	167	153	183	176	165	158.9
District D, total	9	1,350	116	127	158	139	160	150	134	160	138	154	169	161	148.7
Minnesota and Kansas	6/3	366	135	146	185	149	173	168	161	195	160	171	189	172	167.5
Missouri	6	984	109	118	147	135	155	142	123	144	129	147	163	158	141.6
District E, total	13	1,302	153	158	174	167	166	168	160	166	177	180	166	177	167.9
Delaware and Tennessee	7/4	551	138	147	156	184	158	150	154	156	179	166	165	178	161.6
Georgia, Florida, Alabama, Louisiana, and Arkansas	8/5	371	151	160	172	139	160	178	155	147	165	180	156	171	161.4
Oklahoma and Texas	9/4	380	179	173	198	166	182	183	174	197	186	202	178	183	183.4
District F, total	25	1,776	156	144	171	155	160	167	147	175	164	181	169	160	162.8
Colorado and Utah	10/3	216	167	157	179	156	168	175	144	172	164	187	191	180	170.7
Washington and Oregon	11/5	367	157	151	188	160	180	188	159	175	180	195	183	181	175.2
California	17	1,193	154	139	164	153	152	159	143	175	160	176	161	151	157.5
By size of plant															
1 to 20 wage earners	13	188	166	155	185	165	164	167	150	165	164	171	166	168	165.5
21 to 100	53	3,113	149	149	171	156	162	165	149	173	162	185	178	166	164.5
101 to 500	73	15,745	151	144	168	148	160	167	145	166	154	183	177	166	161.8
501 to 2,500	13	10,168	144	134	158	139	152	152	129	157	149	175	180	165	154.8
For footnotes on the Steel Castings industry, see page 79.															
GRAY-IRON AND SEMISTEEL CASTINGS															
Total for man-hour tabulations	1/893	1/52,438	148	146	166	151	156	157	147	163	161	172	169	168	159.1
The North (Districts A, B, C, and D)	643	44,638	147	145	166	150	155	156	146	163	161	173	170	169	159.0
The South (Districts E, F, and G)	149	4,374	151	149	162	153	156	159	155	165	161	165	161	162	158.6
The West (District H)	101	3,476	146	150	173	159	167	162	151	170	162	172	165	161	161.5
By districts and States															
District A, total	88	4,512	150	150	165	155	162	164	150	170	175	183	181	183	166.5
Maine, New Hampshire, and Vermont	2/17	527	148	161	170	182	186	200	185	192	195	197	198	211	187.5
Massachusetts	48	2,172	153	148	161	154	159	159	146	165	171	179	177	178	163.2
Rhode Island	5	276	162	167	173	172	178	185	173	185	185	189	188	189	179.5
Connecticut	18	1,537	145	146	167	146	157	155	138	165	170	182	180	180	161.8
District B, total	172	9,233	140	138	159	146	152	153	153	157	164	175	170	168	156.8
New York	58	3,353	143	144	169	151	155	163	161	158	167	172	174	173	161.2
New Jersey	29	1,926	154	149	171	156	170	161	161	157	168	183	169	170	164.2
Pennsylvania	85	4,054	131	129	146	136	141	142	141	156	159	174	167	162	149.6
District C, total	316	27,927	148	146	168	149	153	154	142	162	158	171	168	167	157.7
Michigan	62	7,172	142	139	162	144	143	142	119	155	145	164	154	153	147.2
Ohio	99	9,848	148	149	170	151	155	159	150	162	164	178	179	178	162.8
Indiana	53	4,363	153	149	168	147	153	154	142	169	165	162	163	166	157.9
Illinois	70	4,740	149	144	169	148	156	158	150	166	156	172	172	162	159.0
Wisconsin	32	1,804	158	163	176	171	172	165	157	167	166	174	167	167	167.1
District D, total	67	2,866	159	154	177	160	168	173	160	172	164	172	167	173	166.7
Minnesota	20	563	172	159	188	167	175	173	147	174	173	181	165	165	169.9
Iowa	16	597	149	150	172	154	161	158	146	165	151	166	165	154	157.9
Missouri	25	1,467	156	150	175	157	164	176	169	172	168	170	166	180	167.2
Nebraska and Kansas	3/6	239	170	169	179	175	187	195	169	187	152	178	187	190	178.1
District E, total	74	2,408	151	147	160	147	155	160	153	166	161	166	160	162	157.7
Maryland	11	506	152	146	160	154	164	172	167	178	185	184	173	174	167.9
Delaware and West Virginia	4/5	219	129	137	139	109	124	155	146	170	150	163	161	176	147.5
Virginia	18	507	161	152	171	147	164	162	155	167	169	165	161	166	161.7
North Carolina	15	218	162	157	166	155	160	163	154	161	159	157	157	151	158.4
Kentucky	9	328	144	140	162	158	154	159	153	165	162	163	170	167	158.9
Tennessee	16	630	150	147	154	147	151	151	141	158	142	157	146	144	149.0

TABLE 4.--AVERAGE MAN-HOURS PER WAGE EARNER, BY MONTHS, BY DISTRICTS AND STATES AND BY SIZE CLASSES,
FOR SELECTED ESTABLISHMENTS IN 171 INDUSTRIES: 1939--Continued

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District, State, and class	Estab- lish- ments	Wage earners (average for year)	Monthly average hours per wage earner												For year
			Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	
GRAY-IRON AND SEMISTEEL CASTINGS---Continued															
District F, total	42	1,158	165	160	174	161	164	164	159	171	171	174	181	168	167.8
South Carolina	4	101	170	170	199	170	161	203	166	180	187	168	170	169	175.7
Georgia	14	509	164	159	178	160	168	158	159	171	184	184	190	157	169.6
Florida	6	83	159	166	194	152	180	198	160	172	192	176	178	179	175.3
Alabama	10	83	164	155	165	165	160	161	170	176	148	162	178	182	165.8
Mississippi, Louisiana, and Arkansas	5/9	192	167	164	153	156	154	152	139	156	148	168	169	171	158.4
District G, total	32	808	132	136	153	158	148	150	155	155	147	149	135	156	147.9
Oklahoma	10	149	115	115	128	132	131	121	127	130	132	142	152	165	132.3
Texas	22	659	137	141	159	164	152	156	161	161	150	151	131	154	151.5
District H, total	101	3,476	146	150	173	159	167	162	151	170	162	172	165	161	161.5
Montana, Colorado, and New Mexico	5/14	479	141	138	182	171	165	159	149	168	175	170	161	162	161.9
Utah	7	96	186	177	201	182	194	192	194	198	176	190	190	181	188.3
Arizona	5	152	193	175	180	185	196	192	188	186	180	197	172	189	185.9
Washington	18	333	138	134	159	152	151	157	145	150	145	154	138	128	145.8
Oregon	2	151	127	138	157	162	164	161	173	164	171	168	160	151	158.1
California	49	2,265	145	152	173	154	166	161	147	171	159	172	168	163	161.2
By size of plant															
1 to 20 wage earners	330	3,513	142	139	154	143	148	153	143	156	157	163	157	160	151.5
21 to 100	430	20,951	146	146	165	155	159	160	153	162	163	171	169	165	159.8
101 to 500	129	24,252	150	148	165	149	157	156	147	168	163	174	171	172	160.8
501 to 2,500	4	3,772	145	142	167	147	138	148	114	148	149	173	168	165	151.7

For footnotes on the Gray-Iron and Semisteel Castings industry, see page 80.

MALLEABLE-IRON CASTINGS																
Total for man-hour tabulations	1/75	1,17,328	146	145	165	146	153	152	145	168	163	169	171	163	157.9	
The North (Districts A, B, C, and D)	71	16,718	147	145	164	145	153	151	144	168	162	169	171	162	157.8	
The South (District E)	4	610	129	150	181	156	163	175	153	170	174	163	161	174	163.4	
<u>By districts and States</u>																
District A, total	7	863	128	122	162	135	137	163	140	159	183	171	175	177	155.8	
New Hampshire, Massachusetts, and Rhode Island . .	2/3	257	113	89	117	104	120	138	140	162	167	173	169	143	138.1	
Connecticut	4	606	135	136	182	149	144	174	141	157	191	170	178	190	163.3	
District B---New York, New Jersey, Pennsylvania	3/17	3,607	139	143	157	142	147	142	146	161	159	164	167	160	153.3	
District C, total	43	11,720	151	148	166	148	156	153	145	171	163	171	172	162	159.4	
Michigan	6	2,958	154	137	150	155	156	136	155	164	167	173	171	164	157.8	
Ohio and Wisconsin	4/17	3,561	153	148	165	143	157	161	137	174	166	178	173	168	161.1	
Indiana	6	1,976	156	163	192	149	167	151	151	187	158	158	189	160	165.7	
Illinois	14	3,225	143	148	166	147	148	160	142	164	158	169	161	153	155.2	
District D---Minn., Iowa, Mo., and Calif. . .	5/4	528	135	137	166	124	147	151	125	169	143	168	191	172	152.8	
District E---Del., W. Va., S. C., and Tex. . .	5/4	610	129	150	181	156	163	175	153	170	174	163	161	174	163.4	
<u>By size of plant</u>																
1 to 100 wage earners	7/14	872	140	148	162	141	152	158	138	169	171	180	172	171	159.4	
101 to 500	56	12,754	141	145	166	146	152	151	143	166	162	167	170	163	156.9	
501 to 2,500	5	3,702	164	144	161	145	158	155	152	174	164	174	174	162	161.2	
For footnotes on the Malleable-Iron Castings industry, see page 81.																

For footnotes on the Malleable-Iron Castings industry, see page 81.

CAST-IRON PIPE AND FITTINGS																
Total for man-hour tabulations	1/67	1,15,503	148	144	164	155	169	171	160	172	158	171	168	147	160.7	
The North (Districts A and B)	29	4,878	146	141	163	151	167	174	159	177	164	167	168	147	160.4	
The South (Districts C and D)	33	9,826	148	145	164	156	171	170	161	170	155	174	169	145	160.9	
The West (District E)	5	699	157	152	167	166	161	166	146	162	156	156	155	159	158.4	
<u>By districts and States</u>																
District A, total	22	3,922	145	139	162	146	164	173	157	174	161	165	167	144	158.4	
New York	6	341	149	151	164	147	157	169	167	161	160	160	170	151	158.8	
New Jersey	6	2,247	145	134	159	150	167	172	157	173	162	173	169	149	159.5	
Pennsylvania	10	1,334	144	144	166	141	161	176	153	178	160	154	161	134	156.4	
District B---Mass., Mich., Ohio, Mo., and Utah	2/7	956	150	148	167	170	176	178	168	192	174	175	172	159	168.7	
District C, total	9	2,476	153	141	149	140	158	155	164	161	160	173	167	151	156.2	
Maryland, Virginia, and North Carolina	3/6	1,296	149	131	139	129	157	151	166	155	159	179	170	145	153.1	
Tennessee	3	1,180	157	151	160	152	158	160	162	168	160	166	163	157	159.8	
District D, total	24	7,455	147	147	169	161	176	175	160	173	154	174	169	144	162.5	
Georgia and Texas	4/1	251	172	179	188	173	194	181	190	173	199	184	162	183	181.6	
Alabama	20	7,199	146	146	168	160	175	175	159	173	152	174	170	142	161.8	
District E---California	5	699	157	152	167	166	161	166	146	162	156	156	155	159	158.4	
<u>By size of plant</u>																
1 to 100 wage earners	2/21	1,417	142	141	161	152	183	181	166	181	171	168	164	166	164.8	
101 to 500	41	9,800	146	140	157	150	161	165	158	168	159	163	166	149	157.1	
501 to 2,500	6	4,600	153	155	179	164	184	182	162	179	152	188	171	137	167.2	

For footnotes on the Cast-Iron Pipe and Fittings industry, see page 81.

TABLE 4.---AVERAGE MAN-HOURS PER WAGE EARNER, BY MONTHS, BY DISTRICTS AND STATES AND BY SIZE CLASSES,
FOR SELECTED ESTABLISHMENTS IN 171 INDUSTRIES: 1939---Continued

District, State, and class	Estab- lish- ments	Wage earners (average for year)	Monthly average hours per wage earner												For year
			Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	
WROUGHT PIPE, WELDED AND HEAVILY RIVETED, MADE IN PLANTS NOT OPERATED IN CONNECTION WITH ROLLING MILLS															
Total for man-hour tabulations	1/40	1/7,984	150	136	157	148	152	153	147	165	165	171	167	156	156.2
The North (Districts A and B)	31	7,746	150	135	156	147	151	151	147	165	165	172	167	156	156.2
The West (District C)	9	238	156	156	180	158	170	193	152	143	143	146	156	150	157.4
By districts and States															
District A, total	14	4,245	139	117	143	131	141	142	132	153	146	160	159	139	142.4
Massachusetts, New York, and New Jersey	2/4	460	129	149	168	158	161	162	136	169	161	156	163	160	155.6
Pennsylvania	10	3,785	140	113	140	128	139	139	131	152	145	160	159	136	140.8
District B, total	17	3,501	163	158	172	167	165	165	170	181	187	185	176	175	172.9
Michigan	5	1,710	153	148	153	159	151	143	163	156	183	183	169	171	163.2
Ohio	4	550	171	171	179	159	158	156	152	176	184	183	175	188	171.6
Illinois	3	457	166	156	193	175	191	199	181	177	189	179	174	160	178.5
Indiana, Wisconsin, and Texas	3/5	784	177	174	198	185	180	190	189	241	197	192	194	185	191.7
District C---Washington and California	4/9	238	156	156	180	158	170	193	152	143	143	146	156	150	157.4
By size of plant															
1 to 20 wage earners	4	31	138	132	160	125	132	151	148	110	156	137	146	131	139.4
21 to 100	14	788	154	153	165	166	165	171	153	161	162	159	157	154	160.0
101 to 500	19	4,794	154	136	165	150	158	156	155	174	169	176	171	155	160.7
501 to 2,500	3	2,371	141	129	139	138	135	137	130	149	157	164	162	159	146.1
For footnotes on the Wrought Pipe industry, see page 82.															
COLD-ROLLED STEEL SHEETS AND STRIP AND COLD-FINISHED STEEL BARS MADE IN PLANTS NOT OPERATED IN CONNECTION WITH HOT-ROLLING MILLS															
Total for man-hour tabulations	1/43	1/5,644	158	150	170	149	160	158	147	173	174	187	191	180	167.4
By districts and States															
District A, total	7	699	185	173	197	166	168	176	162	195	181	186	207	191	182.8
Massachusetts	4	146	162	160	197	160	179	147	148	189	172	171	199	169	171.7
Connecticut	3	553	190	176	197	167	165	183	166	197	184	190	209	196	185.8
District B, total	18	2,515	158	150	177	156	170	161	145	162	172	182	183	178	166.7
Rhode Island, New York, and New Jersey	2/7	852	158	148	177	153	167	164	144	170	167	175	186	179	166.5
Pennsylvania	11	1,663	158	152	176	157	172	160	146	158	175	186	181	177	166.8
District C, total	18	2,430	151	142	156	137	146	149	145	179	174	191	195	179	163.7
Ohio	8	1,314	151	141	155	137	144	144	142	174	171	190	188	178	161.1
Indiana	3	391	147	150	164	135	154	169	149	186	167	190	208	195	169.3
Michigan, Illinois, and California	2/7	725	151	139	153	138	147	148	148	185	185	194	200	173	165.4
By size of plant															
1 to 20 wage earners	4	48	159	175	220	167	174	182	153	205	187	175	209	189	183.8
21 to 100	18	1,036	156	151	165	143	157	154	149	177	170	175	186	179	164.8
101 to 500	21	4,560	159	149	171	151	161	158	147	172	175	190	192	180	167.8
For footnotes on the Cold-Rolled Steel Sheets and Strip and Cold-Finished Steel Bars industry, see page 82.															
ENAMEL-IRON SANITARY WARE AND OTHER PLUMBERS' SUPPLIES (NOT INCLUDING PIPE AND VITREOUS AND SEMIVITREOUS CHINA SANITARY WARE) 1/															
Total for man-hour tabulations	1/182	1/23,096	153	150	167	156	164	169	154	176	168	173	170	161	163.5
The North (Districts A, B, C, and D)	156	16,187	152	150	171	158	165	174	159	179	170	177	173	167	166.6
The South (District E)	10	5,401	154	146	151	144	160	152	134	165	159	164	160	141	152.5
The West (District F)	16	1,508	161	163	179	171	173	176	163	178	167	169	170	161	169.3
By districts and States															
District A, total	23	1,157	170	161	174	173	170	173	173	180	184	188	173	176	174.7
Maine, New Hampshire, Massachusetts, Rhode Island	2/14	542	165	163	174	188	179	173	185	182	185	172	178	167	175.9
Connecticut	9	615	175	159	175	158	161	172	161	178	182	201	169	183	173.7
District B, total	54	5,324	154	146	164	152	160	173	160	169	166	170	169	164	162.4
New York	20	704	165	161	175	162	161	178	170	169	169	171	172	176	169.0
New Jersey	9	1,072	162	164	186	166	165	186	155	170	186	176	175	172	172.1
Pennsylvania	25	3,558	149	137	154	145	158	169	159	169	160	168	166	159	158.1
District C, total	71	9,209	150	152	175	161	169	175	158	185	172	179	175	167	168.3
Michigan	10	1,273	153	159	186	162	173	160	148	197	155	169	176	155	166.1
Ohio	22	2,488	151	148	166	164	164	176	166	188	171	184	180	167	169.0
Indiana	7	465	173	174	188	174	189	183	158	176	175	168	156	158	172.0
Illinois	21	1,699	131	137	166	143	155	162	151	165	157	158	161	153	153.3
Wisconsin	11	3,284	154	158	180	165	176	187	158	190	186	191	180	181	176.0
District D, total	8	487	148	148	167	149	139	157	151	164	167	177	176	181	160.4
Minnesota, Iowa, and Kansas	2/3	263	132	142	165	141	106	149	144	154	159	188	174	185	152.9
Missouri	5	224	167	156	169	159	179	167	160	176	176	165	179	176	169.2
District E---Del., Md., Va., Ky., Tenn., Ala., and Tex.	4/10	5,401	154	146	151	144	160	152	134	165	159	164	160	141	152.5
District F---Washington and California	5/16	1,508	161	163	179	171	173	176	163	178	167	169	170	161	169.3
By size of plant															
1 to 20 wage earners	60	561	158	154	173	157	159	170	161	174	172	171	165	161	164.7
21 to 100	65	3,656	160	158	173	164	171	173	159	178	168	177	173	167	168.7
101 to 500	51	10,573	152	150	172	159	165	172	159	179	172	176	173	164	166.3
501 and over	6/6	8,306	152	147	158	148	162	163	144	170	161	168	164	154	157.5
For footnotes on the Enamel-Iron Sanitary Ware and Other Plumbers' Supplies industry, see page 83.															

FOR SELECTED ESTABLISHMENTS IN 171 INDUSTRIES: 1939—Continued

District, State, and class	Estab- lish- ments	Wage earners (average for year)	Monthly average hours per wage earner												
			Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	For year
STEEL BARRELS, KEGS, AND DRUMS															
Total for man-hour tabulations	1/49	1/5,804	146	132	158	155	163	161	148	161	159	173	170	156	157.6
The North (Districts A, B, and C)	40	5,185	145	133	158	154	164	158	150	161	158	176	170	154	157.6
The South (District D)	9	619	150	129	158	163	154	187	135	164	160	153	167	168	157.5
By districts and States															
District A, total	12	978	165	147	182	170	187	179	170	173	167	182	180	181	174.8
New Jersey	5	506	165	149	176	170	190	183	168	180	164	180	182	181	174.4
Massachusetts, New York, and Pennsylvania	2/7	472	164	144	188	170	184	174	173	166	170	197	178	181	175.1
District B, total	18	3,527	136	128	149	148	156	153	142	154	154	172	167	146	151.3
Ohio and West Virginia	3/12	2,220	147	130	161	148	159	163	138	164	160	179	168	140	155.4
Illinois	6	1,307	119	125	128	148	150	139	149	140	143	158	164	158	144.2
District C—Wis., Minn., Iowa, Mo., and Calif. 4/10		680	162	134	173	161	177	153	164	179	169	179	172	159	165.8
District D, total	9	619	150	129	158	163	154	187	135	164	160	153	167	168	157.5
Alabama, Mississippi, and Texas	5/6	342	141	139	154	164	132	151	129	151	152	162	148	144	147.7
Louisiana	3	277	157	120	164	162	194	216	146	187	169	144	188	197	169.6
By size of plant															
1 to 20 wage earners	7	59	141	149	180	145	166	176	131	156	164	151	167	162	157.4
21 to 100	26	1,540	155	147	172	167	177	176	157	170	166	169	170	168	166.5
101 to 2,500	7/16	4,205	143	126	153	151	158	155	146	158	156	175	170	151	154.4
For footnotes on the Steel Barrels, Kegs, and Drums industry, see page 83.															

For footnotes on the Steel Barrels, Kegs, and Drums industry, see page 83.

TIN CANS AND OTHER TINWARE NOT ELSEWHERE CLASSIFIED															
Total for man-hour tabulations	1/207	129,605	156	147	174	155	169	167	155	174	164	172	161	150	162.3
The North (Districts A, B, C, and D)	131	18,987	157	148	174	157	167	167	156	174	164	171	162	152	162.6
The South (Districts E and F)	46	7,156	152	145	171	150	173	166	156	175	162	179	161	150	162.0
The West (District G)	30	3,462	166	149	180	154	169	167	148	175	164	162	156	143	161.4
By districts and States															
District A—Me., Mass., R. I., and Conn.	2/11	753	167	156	185	163	171	175	181	183	176	164	163	157	170.5
District B, total	54	8,144	154	145	172	156	168	167	152	173	162	171	160	149	161.1
New York	29	3,435	156	148	173	156	171	167	151	170	165	171	154	153	161.3
New Jersey and Pennsylvania	3/25	4,709	153	142	172	155	166	168	153	175	161	171	165	147	160.9
District C, total	54	9,121	157	150	174	157	164	166	158	173	164	172	164	154	162.9
Michigan, Ohio, and Indiana	4/18	1,512	161	155	175	149	156	169	152	181	165	172	164	139	162.0
Illinois and Wisconsin	5/36	7,609	156	148	174	158	166	165	159	172	164	172	164	157	163.1
District D—Minnesota, Missouri, and Nebraska 6/12		969	170	153	180	161	180	171	159	174	166	178	164	146	166.8
District E, total	26	5,124	150	141	168	150	174	164	155	173	161	182	160	148	160.8
Maryland and West Virginia	7/18	4,595	147	140	167	149	173	163	154	171	161	184	160	148	160.0
Virginia, Kentucky, and Tennessee	8/8	529	171	155	174	158	183	175	168	187	167	163	159	151	167.7
District F, total	20	2,032	158	153	180	149	170	172	157	181	166	174	165	155	165.0
Georgia, Florida, and Louisiana	9/11	1,030	156	148	173	138	164	170	153	180	170	171	167	146	161.5
Oklahoma and Texas	10/9	1,002	160	159	188	162	176	174	161	182	161	177	163	162	168.5
District G, total	30	3,462	166	149	180	154	169	167	148	175	164	162	156	143	161.4
Washington	5	375	153	146	166	138	148	163	141	160	141	144	153	141	149.5
Colorado, Utah, Oregon, and California	11/25	3,087	168	149	182	155	173	167	149	177	167	164	157	143	162.9
By size of plant															
1 to 20 wage earners	44	506	155	164	178	164	174	163	161	175	166	163	168	165	166.6
21 to 100	78	4,296	158	153	174	161	170	171	160	177	168	168	167	158	165.8
101 to 500	74	15,742	157	149	175	152	166	168	154	174	164	171	163	148	162.0
501 to 2,500	11	9,061	154	141	171	156	172	163	154	172	161	177	157	150	161.0

For footnotes on the Tin Cans and Other Tinware industry, see page 84.

WIRE DRAWN FROM PURCHASED RODS															
Total for man-hour tabulations	1/85	120,521	154	150	167	152	159	162	153	173	172	176	176	170	164.2
The North (Districts A, B, and C)	81	20,244	154	150	167	152	159	161	153	173	172	176	176	170	164.2
The West (District D)	4	277	156	154	175	174	175	178	153	165	165	176	168	162	166.8
By districts and States															
District A—Me., Mass., R. I., and Conn.	2/21	5,307	154	150	175	147	165	171	159	172	175	177	177	178	167.0
District B, total	29	7,407	159	151	167	160	162	165	158	178	180	184	182	173	169.0
New York	8	2,432	145	147	161	165	157	157	166	167	188	174	163	181	164.4
New Jersey and Maryland	3/10	1,929	175	158	164	166	169	180	155	187	184	189	208	171	176.5
Pennsylvania	11	3,046	160	149	174	153	161	162	152	182	171	188	180	170	168.0
District C, total	31	7,530	150	148	162	148	151	150	145	169	161	169	168	160	157.4
Michigan, Ohio, Indiana, Illinois, and Wisconsin 4/28		7,149	150	147	162	147	150	150	142	169	161	170	166	161	157.0
Iowa, Missouri, and Texas	5/3	381	160	162	165	161	161	154	194	161	164	150	210	155	166.7
District D—California	4	277	156	154	175	174	175	178	153	165	165	176	168	162	166.8

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TABLE 4.---AVERAGE MAN-HOURS PER WAGE EARNER, BY MONTHS, BY DISTRICTS AND STATES AND BY SIZE CLASSES,
FOR SELECTED ESTABLISHMENTS IN 171 INDUSTRIES: 1939---Continued

District, State, and class	Estab- lish- ments	Wage earners (average for year)	Monthly average hours per wage earner												For year
			Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	

WIRE DRAWN FROM PURCHASED RODS---Continued

<u>By size of plant</u>															
1 to 20 wage earners	5	54	147	165	166	158	146	176	156	154	172	196	166	172	165.3
21 to 100	24	1,386	160	155	173	158	168	163	152	174	165	176	172	170	165.8
101 to 500	45	11,827	155	153	171	153	161	166	148	170	170	175	179	167	164.7
501 to 2,500	11	7,254	152	144	160	150	154	153	162	177	176	178	171	175	163.1

For footnotes on the Wire Drawn from Purchased Rods industry, see page 84.

WIREWORK NOT ELSEWHERE CLASSIFIED

Total for man-hour tabulations	1/401	1/25,249	156	151	170	157	159	164	151	168	166	170	169	163	162.3
The North (Districts A, B, C, and D)	337	22,897	156	151	170	157	158	163	151	167	166	171	170	164	162.5
The South (Districts E and F)	25	928	161	151	171	154	170	172	157	172	160	169	161	150	162.3
The West (District G)	39	1,424	152	149	166	154	156	166	156	179	161	162	160	155	159.3

By districts and States

District A, total	48	2,847	167	163	184	168	175	173	160	178	180	198	188	190	177.2
Massachusetts	23	1,207	160	165	189	175	175	184	165	175	184	178	177	186	176.3
Rhode Island and Connecticut	2/25	1,640	172	162	181	162	175	165	156	179	178	213	196	192	178.0

District B, total	122	5,312	154	155	177	160	165	171	150	167	176	187	179	164	167.6
New York	63	1,557	166	162	176	162	171	181	162	172	172	175	173	173	170.5
New Jersey	22	2,138	137	146	170	152	149	153	132	143	184	202	182	153	160.0
Pennsylvania	37	1,617	169	161	187	168	180	184	157	183	173	179	179	175	174.8

District C, total	144	13,664	155	147	164	154	152	158	147	165	160	159	164	159	157.1
Michigan	41	7,717	150	139	158	148	145	148	141	164	153	147	153	153	149.9
Ohio	35	1,638	166	160	181	163	170	175	159	174	175	177	171	163	169.6
Indiana	10	677	167	169	185	169	172	175	157	179	175	180	173	175	173.1
Illinois	49	3,475	160	153	167	160	156	165	148	159	164	173	179	169	163.4
Wisconsin	9	157	173	173	193	176	171	176	161	177	175	185	186	173	176.7

District D, total	23	1,074	154	159	169	158	160	165	169	164	174	182	170	166	166.1
Minnesota and Iowa	3/9	285	183	161	195	168	191	183	165	168	168	178	186	175	176.9
Missouri	14	789	144	159	159	155	149	159	170	163	176	184	164	162	162.2

District E, total	18	828	160	148	170	152	170	172	155	172	159	169	160	147	161.0
Maryland	13	575	168	153	183	158	179	180	160	185	162	170	163	156	167.9
North Carolina and Tennessee	4/5	253	140	136	144	139	142	151	144	143	154	167	152	127	145.4

District F---Ga., Fla., Ala., La., and Tex.	5/7	100	178	180	172	171	172	174	173	173	168	172	167	177	172.7
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District G, total	39	1,424	152	149	166	154	156	166	156	179	161	162	160	155	159.3
Washington and Oregon	6/5	92	157	143	157	191	158	149	182	159	168	185	162	151	163.8
California	34	1,332	151	149	167	151	156	167	154	181	161	161	160	155	159.0

By size of plant

1 to 20 wage earners	209	1,701	157	155	174	159	166	170	158	170	168	170	168	167	165.5
21 to 100	129	6,638	160	155	173	162	166	171	156	171	169	170	168	168	165.9
101 to 500	53	9,864	156	153	173	158	164	169	154	174	169	176	171	159	164.9
501 to 2,500	10	7,046	153	143	161	151	144	146	136	152	158	163	169	164	154.5

For footnotes on the Wirework Not Elsewhere Classified industry, see page 85.

VITREOUS ENAMELED PRODUCTS, INCLUDING KITCHEN, HOUSEHOLD, AND HOSPITAL UTENSILS

Total for man-hour tabulations	1/45	1/9,775	147	155	173	150	149	147	146	164	156	167	161	151	155.8
The North (Districts A and B)	41	8,793	144	152	172	147	143	143	142	159	153	165	157	149	152.3
The South (District C)	4	982	175	182	191	178	199	189	178	207	185	187	197	167	187.1

By districts and States

District A, total	10	2,010	157	157	186	167	177	179	176	172	177	179	164	152	170.7
Massachusetts, New York, and New Jersey	2/5	473	165	160	185	165	180	185	153	197	171	188	187	153	174.2
Pennsylvania	5	1,537	155	157	186	167	176	177	184	165	178	177	164	151	169.6

District B, total	31	6,783	141	150	168	141	133	132	131	154	145	160	153	149	146.8
Michigan, Ohio, and West Virginia	3/20	4,527	136	148	161	136	123	121	121	150	138	153	145	146	140.0
Indiana	3	453	169	159	191	156	151	165	157	179	179	182	174	170	169.5
Illinois, Wisconsin, and California	4/8	1,803	146	153	181	151	155	155	149	161	156	171	168	150	158.1

District C---Tennessee	4	982	175	182	191	178	199	189	178	207	185	187	197	167	187.1
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By size of plant

1 to 100 wage earners	5/18	978	159	151	182	164	181	183	170	188	177	185	175	168	173.9
101 to 500	24	6,233	152	156	170	146	145	148	136	167	155	169	165	147	155.1
501 to 2,500	3	2,564	125	153	181	154	144	133	157	149	150	158	148	153	150.6

For footnotes on the Vitreous Enamelled Products industry, see page 85.

AUTOMOBILE STAMPINGS

Total for man-hour tabulations	1/75	1/7,895	155	149	164	154	150	155	156	175	172	171	167	170	162.1
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By districts and States

District A---Massachusetts	4	1,059	157	158	171	179	178	172	179	196	199	185	168	176	176.8
District B---Conn., N. J., and Pa.	2/7	790	162	156	181	190	172	173	178	166	178	217	159	179	175.1

TABLE 4.---AVERAGE MAN-HOURS PER WAGE EARNER, BY MONTHS, BY DISTRICTS AND STATES AND BY SIZE CLASSES,
FOR SELECTED ESTABLISHMENTS IN 171 INDUSTRIES: 1939---Continued

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District, State, and class	Estab- lish- ments	Wage earners (average for year)	Monthly average hours per wage earner													For year
			Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.		
AUTOMOBILE STAMPINGS---Continued																
District C, total	61	5,887	153	146	160	143	141	149	147	173	165	163	167	167	156.8	
Michigan	24	2,416	155	139	161	144	134	152	152	190	171	167	166	167	158.5	
Ohio	23	2,277	136	136	141	123	129	139	130	155	149	152	159	160	143.4	
Indiana	5	484	184	183	190	178	185	173	166	159	172	190	189	173	179.1	
Illinois and Wisconsin	3/9	710	182	184	200	188	170	153	171	181	186	170	180	183	179.0	
District D---Minnesota, Missouri, and Nebraska	4/3	159	193	192	187	214	189	174	212	181	229	175	180	196	193.6	
By size of plant																
1 to 20 wage earners	23	253	159	154	172	162	160	164	164	178	170	173	167	172	164.0	
21 to 100	26	1,229	147	152	170	153	154	166	157	169	173	172	167	174	163.1	
101 to 2,500	5/26	6,413	157	149	162	154	149	153	156	177	172	170	167	169	161.7	
For footnotes on the Automobile Stampings industry, see page 86.																

For footnotes on the Automobile Stampings industry, see page 86.

STAMPED AND PRESSED METAL PRODUCTS (EXCEPT AUTOMOBILE STAMPINGS)																
Total for man-hour tabulations	1/399	1/27,024	162	156	176	160	172	171	159	178	167	175	171	164	167.7	
The North (Districts A, B, C, and D)	343	22,188	163	157	179	163	173	173	159	179	168	176	172	166	169.2	
The South (Districts E and F)	26	3,911	155	152	161	149	170	163	159	172	164	168	166	155	161.5	
The West (District G)	30	925	144	149	176	152	174	159	158	160	159	169	158	142	158.3	
By districts and States																
District A, total	51	3,255	172	167	186	177	171	180	164	180	186	183	180	178	177.2	
Maine and Massachusetts	2/26	1,310	169	163	187	170	172	182	162	182	184	185	179	174	176.3	
Rhode Island and Connecticut	3/25	1,945	174	169	185	181	169	178	166	179	187	181	181	180	177.8	
District B, total	109	6,700	160	154	181	161	174	178	161	182	176	183	177	169	171.6	
New York	68	4,079	155	150	176	159	166	169	155	182	173	178	175	163	167.2	
New Jersey	18	1,629	156	153	180	155	174	182	161	168	178	177	168	172	168.7	
Pennsylvania	23	992	183	174	208	177	207	203	184	206	185	210	199	190	194.1	
District C, total	160	10,852	161	155	173	158	171	168	153	178	157	170	166	161	164.4	
Michigan	29	1,035	158	151	163	149	155	160	154	162	163	169	166	176	161.4	
Ohio	53	5,015	166	159	176	161	174	171	151	175	151	172	168	159	165.1	
Indiana	12	689	159	139	163	153	163	161	140	170	152	166	142	165	156.0	
Illinois	54	3,160	157	154	172	159	173	171	157	188	163	168	169	160	166.1	
Wisconsin	12	953	157	148	180	158	166	158	154	185	172	177	164	149	164.5	
District D, total	23	1,381	176	168	191	174	183	175	181	175	168	176	171	176	176.1	
Minnesota, Iowa, and Kansas	4/12	375	178	173	194	179	186	186	183	187	174	174	173	162	178.8	
Missouri	11	1,006	175	166	190	172	182	171	180	170	165	177	170	181	175.1	
District E, total	20	3,796	155	152	161	149	170	163	159	172	164	168	166	155	161.4	
West Virginia	5	1,040	122	119	131	118	150	143	130	159	154	162	152	128	140.0	
Delaware, Maryland, Virginia, and Kentucky	5/15	2,756	167	164	172	162	177	171	170	176	168	171	171	166	169.5	
District F---Alabama, Mississippi, and Texas	6/6	115	161	157	149	136	174	172	159	183	183	174	172	146	164.5	
District G---Colo., Wash., Oreg., and Calif.	7/30	925	144	149	176	152	174	159	158	160	159	169	158	142	158.3	
By size of plant																
1 to 20 wage earners	189	1,751	159	157	178	162	163	172	160	170	172	173	166	168	166.8	
21 to 100	147	6,941	167	164	183	166	177	177	167	180	173	179	177	169	173.5	
101 to 500	57	12,267	163	155	176	159	173	175	160	177	170	174	168	166	167.8	
501 to 2,500	6	6,065	153	149	167	156	167	165	147	179	153	171	169	153	161.0	
For footnotes on the Stamped and Pressed Metal Products Except Automobile Stampings industry, see page 87.																

For footnotes on the Stamped and Pressed Metal Products Except Automobile Stampings industry, see page 87.

ENAMELING, JAPANNING, AND LACQUERING																
Total for man-hour tabulations	1/57	1/1,664	147	148	166	170	158	161	150	150	149	170	170	160	158.5	
The North (Districts A and B)	50	1,589	147	148	166	170	158	162	151	149	149	169	171	160	158.6	
The West (District C)	7	75	152	138	165	160	159	159	139	168	149	171	155	155	155.9	
<u>By districts and States</u>																
District A, total	17	215	148	153	173	166	156	166	153	169	163	167	165	157	161.8	
Massachusetts, Rhode Island, and Connecticut	2/4	96	134	143	194	159	159	188	147	187	152	151	158	137	158.5	
New York, New Jersey, and Pennsylvania	3/13	119	158	161	159	173	154	150	159	154	174	181	172	174	164.4	
District B, total	33	1,374	146	148	165	171	158	161	150	146	146	170	172	160	158.1	
Michigan, Ohio, Indiana, West Virginia, and Kentucky	4/14	955	152	151	169	168	155	162	143	134	137	170	173	163	157.0	
Illinois, Minnesota, and Missouri	5/19	419	133	140	153	178	166	159	165	169	167	170	169	154	160.8	
District C---Washington and California	6/7	75	152	138	165	160	159	159	139	168	149	171	155	155	155.9	
<u>By size of plant</u>																
1 to 20 wage earners	35	240	156	149	169	161	168	160	159	169	158	171	166	162	162.4	
21 to 100	18	661	130	138	158	169	159	162	156	168	165	167	170	152	158.4	
101 to 500	4	763	160	156	170	173	154	161	142	126	130	172	171	166	157.4	
For footnotes on the Enameling, Japanning, and Lacquering industry, see page 87.																

For footnotes on the Enameling, Japanning, and Lacquering industry, see page 87.

BATTERIES, STORAGE AND PRIMARY (DRY AND WET)																
Total for man-hour tabulations	1/125	1/13,718	158	151	168	159	161	163	164	177	185	190	167	165	168.1	
The North (Districts A, B, C, and D)	78	12,517	157	152	168	160	160	161	163	177	184	189	167	164	167.7	
The South (Districts E and F)	22	638	166	151	162	155	175	175	186	186	204	197	165	167	176.7	
The West (District G)	25	563	158	146	163	151	175	173	160	175	177	196	165	170	168.6	

TABLE 4.---AVERAGE MAN-HOURS PER WAGE EARNER, BY MONTHS, BY DISTRICTS AND STATES AND BY SIZE CLASSES,
FOR SELECTED ESTABLISHMENTS IN 171 INDUSTRIES: 1939---Continued

District, State, and class	Estab- lish- ments	Wage earners (average for year)	Monthly average hours per wage earner												For year
			Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	
BATTERIES, STORAGE AND PRIMARY (DRY AND WET)---Continued															
By districts and States															
District A---Mass., R. I., and Conn.	2/6	748	157	167	193	145	159	141	147	187	162	169	191	158	165.6
District B, total	23	4,446	154	146	156	166	151	158	159	173	179	198	164	177	166.1
New Jersey	8	1,559	166	145	168	147	152	168	160	178	175	198	183	168	168.5
New York and Pennsylvania	3/15	2,887	147	147	149	176	151	153	158	171	181	198	154	183	164.8
District C, total	33	6,384	154	149	168	154	162	162	163	176	186	185	164	154	165.5
Michigan and Ohio	4/14	3,318	164	152	169	156	163	163	168	177	178	181	162	153	165.8
Indiana, Illinois, and Wisconsin	5/19	3,066	142	146	167	151	160	161	158	175	194	189	166	155	165.0
District D, total	16	939	198	181	207	191	196	191	194	189	211	188	179	175	191.3
Minnesota and Iowa	6/9	758	197	183	205	193	199	192	190	190	214	186	179	176	191.4
Missouri and Nebraska	7/7	181	201	172	216	180	183	189	211	186	198	198	177	173	190.7
District E, total	9	201	155	142	146	152	172	159	157	180	165	180	161	186	164.4
Maryland, Virginia, and North Carolina	8/3	41	161	153	166	131	122	124	147	165	205	201	182	241	174.4
Kentucky and Tennessee	9/6	160	152	139	140	158	182	164	159	183	157	175	154	155	161.9
District F, total	13	437	172	155	169	156	176	183	201	190	221	204	167	157	182.3
Georgia, Florida, and Alabama	10/4	91	163	156	171	179	172	167	198	182	213	189	148	154	177.0
Oklahoma and Texas	11/9	346	173	155	169	149	177	186	201	192	224	209	175	158	183.8
District G---Colo., Wash., Oreg., and Calif.	12/25	563	158	146	163	151	175	173	160	175	179	196	165	170	168.6
By size of plant															
1 to 20 wage earners	62	529	170	161	172	170	171	172	177	181	181	191	175	173	175.6
21 to 100	36	1,649	160	146	169	149	165	162	175	180	187	191	168	152	168.9
101 to 500	19	5,103	163	159	174	168	173	176	173	184	204	192	169	170	176.3
501 to 2,500	8	6,437	152	146	162	155	151	152	153	170	169	187	164	163	160.9
For footnotes on the Battery industry, see page 88.															
CARBON PRODUCTS FOR THE ELECTRICAL INDUSTRY, AND MANUFACTURES OF CARBON OR ARTIFICIAL GRAPHITE															
Total for man-hour tabulations	1/25	1/3,171	162	154	174	156	172	167	160	177	171	183	177	174	169.4
By districts and States															
New York, New Jersey, and Pennsylvania	2/12	1,760	168	159	179	157	180	178	163	188	180	194	190	182	177.2
Mich., Ohio, W. Va., Tenn., and Ala.	3/9	1,307	154	146	168	155	164	154	156	164	159	169	160	164	159.7
Illinois, Wisconsin, and California	4/4	104	141	167	170	155	135	152	161	154	164	178	179	172	160.7
By size of plant															
1 to 20 wage earners	10	100	168	175	179	159	151	187	152	175	172	173	174	171	169.8
21 to 100	6	346	160	155	184	159	158	159	162	170	170	183	170	175	167.3
101 to 2,500	5/9	2,725	162	153	173	156	174	167	160	178	171	183	178	174	169.7
For footnotes on the Carbon Products (Electrical) and Graphite industry, see page 88.															
INSULATED WIRE AND CABLE															
Total for man-hour tabulations	1/64	1/14,671	153	146	175	151	154	171	146	174	165	171	179	163	162.9
The North (Districts A, B, C, and D)	58	14,498	153	146	175	150	154	171	146	174	165	171	179	163	162.8
The West (District E)	6	173	155	161	176	171	176	176	160	178	162	184	172	153	168.7
By districts and States															
District A, total	21	6,399	144	146	182	149	151	171	149	174	154	159	186	154	160.6
Rhode Island	6	996	162	156	158	159	171	172	162	185	183	184	183	176	171.8
New Hampshire, Massachusetts, and Connecticut	2/15	5,403	140	144	187	147	147	171	147	172	150	154	187	150	158.6
District B, total	21	4,398	151	145	169	146	152	174	130	169	165	170	166	162	158.6
New York	10	1,420	157	148	178	152	148	169	151	173	163	175	170	157	162.0
New Jersey and Maryland	3/5	1,372	148	148	187	157	162	187	95	160	182	161	160	187	161.2
Pennsylvania	6	1,606	148	140	145	129	147	168	142	173	154	173	167	146	153.3
District C, total	12	3,608	169	147	168	159	160	167	161	181	182	193	180	179	171.5
Michigan, Ohio, and Illinois	4/8	1,389	154	148	164	136	154	176	153	179	168	191	186	182	167.4
Indiana	4	2,219	178	146	172	173	164	161	166	182	191	195	176	178	174.0
District D---Missouri	4	93	144	160	187	163	165	187	154	199	172	178	209	168	174.6
District E---California	6	173	155	161	176	171	176	176	160	178	162	184	172	153	168.7
By size of plant															
1 to 20 wage earners	15	161	155	165	180	177	177	177	160	186	190	182	191	183	176.9
21 to 100	24	1,388	152	145	177	154	166	181	155	169	164	169	170	160	163.7
101 to 500	19	4,712	153	152	170	156	161	169	155	169	178	183	177	175	167.3
501 and over	5/6	8,410	153	142	177	147	147	171	139	178	157	164	181	156	160.0
For footnotes on the Insulated Wire and Cable industry, see page 88.															

TABLE 4.---AVERAGE MAN-HOURS PER WAGE EARNER, BY MONTHS, BY DISTRICTS AND STATES AND BY SIZE CLASSES,
FOR SELECTED ESTABLISHMENTS IN 171 INDUSTRIES: 1939---Continued

District, State, and class	Estab- lish- ments	Wage earners (average for year)	Monthly average hours per wage earner													For year
			Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.		
WIRING DEVICES AND SUPPLIES---Continued																
<u>By districts and States</u>																
District A, total	18	3,968	166	158	182	153	169	173	150	165	165	179	181	164	167.3	
New Hampshire, Massachusetts, and Rhode Island . .	2/7	1,048	162	151	166	143	159	171	160	173	170	187	195	179	169.8	
Connecticut	11	2,920	167	161	187	156	172	174	146	162	163	176	175	158	166.5	
District B, total	42	5,832	173	162	182	172	171	172	167	178	173	187	171	168	173.1	
New York	21	3,482	183	164	186	179	175	172	176	183	175	193	174	166	177.2	
New Jersey and Pennsylvania	2/21	2,350	158	158	177	160	165	172	155	171	169	177	167	170	166.9	
District C, total	38	3,416	162	165	182	165	167	169	153	178	170	179	173	168	169.5	
Michigan and Ohio	4/12	786	142	151	164	148	153	156	148	169	162	182	167	164	159.5	
Indiana	3	316	151	164	193	157	154	153	109	173	145	147	178	140	155.3	
Illinois, Missouri, and Wisconsin	5/23	2,314	170	170	187	172	174	176	161	181	176	183	175	173	174.9	
District D---Md., W. Va., Ky., Tenn., Ga., Ala. 6/8		437	160	151	173	162	183	171	161	175	173	194	179	173	172.4	
District E---California	6	122	176	157	172	174	183	185	178	183	179	185	172	165	175.9	
<u>By size of plant</u>																
1 to 20 wage earners	38	413	164	156	184	171	173	171	168	186	175	177	180	174	173.6	
21 to 100	35	1,773	161	165	190	169	174	171	160	183	170	177	176	172	172.5	
101 to 500	32	5,928	168	166	185	166	171	174	154	176	175	182	174	169	171.8	
501 to 2,500	7	5,661	170	155	176	161	168	170	162	169	165	186	175	162	168.4	

For footnotes on the Wiring Devices and Supplies industry, see page 89.

ELECTRICAL MEASURING INSTRUMENTS															
Total for man-hour tabulations	1/37	1/6,842	153	155	187	158	167	184	159	160	173	170	178	173	168.3
<u>By districts and States</u>															
District A---N. H., Mass., Conn., N. Y., N. J., and Pa.	2/18	4,752	151	153	193	154	164	189	161	161	175	164	180	174	168.5
District B, total	14	2,010	158	160	172	166	174	174	153	157	169	187	171	168	167.6
Michigan and Ohio	3/5	461	151	147	177	160	179	179	134	195	178	195	177	196	172.9
Indiana and Illinois	4/9	1,549	160	165	170	168	172	172	159	146	167	185	169	160	166.1
District C---Minn., Kans., Miss., and Calif. . . 5/5		80	144	165	195	169	187	176	172	183	183	171	185	181	176.5
<u>By size of plant</u>															
1 to 20 wage earners	14	122	167	164	202	165	173	180	169	192	178	183	194	183	179.0
21 to 100	13	565	154	163	194	165	192	188	172	195	165	171	195	180	177.9
101 to 500	6	926	152	157	164	175	175	170	148	182	186	187	172	196	172.4
501 to 2,500	4	5,229	153	154	190	154	163	186	159	151	172	167	176	168	166.3

For footnotes on the Electrical Measuring Instrument industry, see page 89.

AUTOMOTIVE ELECTRICAL EQUIPMENT															
Total for man-hour tabulations	1/60	1/17,271	163	154	171	145	156	154	146	165	160	169	170	162	159.7
<u>By districts and States</u>															
District A---Vt., Mass., and Conn.	2/5	1,080	171	156	183	173	176	167	145	158	155	175	177	174	167.9
District B---N. Y., N. J., and Pa.	2/22	3,685	158	156	188	157	161	177	158	176	157	159	181	157	165.6
District C, total	29	12,399	164	153	165	139	153	145	141	163	161	171	165	162	157.2
Michigan, Ohio, and Indiana	4/20	11,883	164	153	164	139	153	145	141	162	161	171	166	162	157.0
Illinois	6	310	175	162	197	164	176	186	169	188	184	190	183	169	178.6
Wisconsin	3	206	147	124	154	136	135	117	145	145	128	148	102	139	134.4
District D---Minnesota, Missouri, California . . 5/4		107	159	151	207	154	159	173	160	176	153	175	180	158	167.0
<u>By size of plant</u>															
1 to 20 wage earners	21	175	151	156	180	166	180	177	158	181	176	172	177	174	170.5
21 to 100	23	1,231	157	158	180	164	164	175	163	165	165	170	168	159	165.7
101 to 500	9	1,766	163	153	169	167	168	167	162	171	169	166	162	151	163.8
501 and over	6/7	12,099	164	153	170	140	154	149	142	165	158	169	171	163	158.5

For footnotes on the Automotive Electrical Equipment industry, see page 90.

GENERATING, DISTRIBUTION, AND INDUSTRIAL APPARATUS, AND APPARATUS FOR INCORPORATION IN MANUFACTURED PRODUCTS, NOT ELSEWHERE CLASSIFIED															
Total for man-hour tabulations	1/338	1/67,078	149	144	174	158	166	174	156	166	164	171	170	173	164.4
The North (Districts A, B, C, and D)	286	64,901	149	144	174	158	166	174	156	166	164	171	170	174	164.4
The South (Districts E and F)	18	687	158	143	165	154	167	176	159	181	167	171	172	160	164.6
The West (District G)	34	1,490	143	152	177	164	159	174	155	184	159	170	161	161	163.5
<u>By districts and States</u>															
District A---N. H., Mass., and Conn.	2/33	8,923	155	147	169	157	168	171	160	177	164	178	180	169	167.1
District B, total	76	29,352	149	140	174	154	167	176	151	155	165	172	165	178	162.6
New York and New Jersey	2/52	15,220	152	143	177	156	170	174	149	139	152	174	171	164	160.2
Pennsylvania	24	12,132	146	137	170	152	164	178	155	172	179	169	159	192	165.3
District C, total	142	20,293	142	146	175	161	161	174	160	170	164	168	175	172	164.5
Michigan	24	2,679	146	153	176	162	175	189	182	201	172	172	182	175	175.1
Ohio	55	7,774	142	145	171	160	161	175	153	168	163	172	176	175	164.2
Indiana and Illinois	4/40	6,205	140	141	187	152	159	177	148	161	150	160	179	154	159.4
Wisconsin	23	3,615	143	153	162	178	152	157	179	164	183	166	159	189	166.1

TABLE 4.---AVERAGE MAN-HOURS PER WAGE EARNER, BY MONTHS, BY DISTRICTS AND STATES AND BY SIZE CLASSES,
FOR SELECTED ESTABLISHMENTS IN 171 INDUSTRIES: 1939---Continued

District, State, and class	Estab- lish- ments	Wage earners (average for year)	Monthly average hours per wage earner												For year
			Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	
GENERATING, DISTRIBUTION, AND INDUSTRIAL APPARATUS, AND APPARATUS FOR INCORPORATION IN MANUFACTURED PRODUCTS, NOT ELSEWHERE CLASSIFIED---Continued															
District D, total	35	6,333	160	155	179	164	175	174	159	187	163	172	166	165	168.3
Minnesota, North Dakota, and Iowa	5/15	410	165	158	188	187	192	206	179	185	184	184	190	198	185.2
Missouri	20	5,923	159	155	178	162	174	172	158	187	162	171	165	163	167.1
District E, total	8	449	156	147	170	147	165	174	157	174	161	170	177	160	163.3
Maryland	3	182	167	153	184	153	175	173	159	183	159	171	164	155	166.2
D. C., W. Va., N. C., and Ky.	6/5	267	149	144	162	142	159	174	155	168	163	169	186	163	161.4
District F, total	10	238	161	135	154	171	171	181	163	193	178	172	162	162	167.1
Georgia and Alabama	7/3	128	167	127	140	160	166	179	152	195	177	168	157	157	162.0
Louisiana, Oklahoma, and Texas	8/7	110	153	146	172	183	178	184	174	191	178	178	168	167	173.0
District G, total	34	1,490	143	152	177	164	159	174	155	184	159	170	161	161	163.5
Washington and Oregon	9/5	107	143	146	179	163	175	177	163	190	156	174	162	170	166.6
California	29	1,383	143	152	177	164	158	174	155	183	160	169	161	161	163.2
By size of plant															
1 to 20 wage earners	127	1,280	165	159	178	171	175	177	162	181	178	179	179	176	173.5
21 to 100	118	5,616	157	153	176	166	171	178	162	177	167	174	174	170	169.0
101 to 500	69	14,326	153	150	173	164	170	177	161	184	170	182	179	176	170.5
501 and over	10/24	45,856	146	141	174	155	164	173	153	159	162	167	167	173	161.6
For footnotes on the Generating, Distribution, and Industrial Apparatus Not Elsewhere Classified industry, see page 90.															

ELECTRICAL APPLIANCES															
Total for man-hour tabulations	1/91	1,19,101	153	155	183	156	157	171	144	165	164	168	171	167	163.1
The North (Districts A, B, and C)	83	18,507	154	155	183	156	157	171	146	165	165	168	171	167	163.3
The West (District D)	8	594	143	141	177	156	156	172	113	182	152	164	183	156	158.9
By districts and States															
District A, total	29	6,221	150	150	182	158	162	172	147	167	172	170	175	174	165.2
Massachusetts and Connecticut	2/13	5,415	149	149	180	158	161	171	146	164	169	169	170	170	163.1
New York, New Jersey, and Pennsylvania	3/16	806	159	156	196	160	173	179	162	191	191	179	195	190	179.0
District B, total	48	11,447	155	157	185	155	154	170	143	163	161	167	169	164	162.2
Michigan	7	510	141	163	173	162	157	158	142	133	146	150	142	149	151.8
Ohio	13	5,815	154	154	180	150	147	165	130	150	155	158	159	169	156.0
Indiana, Illinois, and Wisconsin	4/28	5,122	158	160	193	161	162	179	158	180	168	177	181	161	170.2
District C---Missouri and Tennessee	5/6	839	158	160	169	158	164	168	162	166	164	167	167	163	163.9
District D---Washington, Oregon, California	6/8	594	143	141	177	156	156	172	113	182	152	164	183	156	158.9
By size of plant															
1 to 20 wage earners	32	307	151	149	161	153	153	166	160	174	177	170	159	169	162.2
21 to 100	23	1,125	156	156	178	170	163	166	157	164	161	173	172	160	164.7
101 to 500	24	4,825	154	154	180	158	167	170	146	177	179	180	185	168	169.0
501 and over	7/12	12,844	153	155	185	155	153	171	143	161	159	162	165	167	160.8
For footnotes on the Electrical Appliances industry, see page 91.															

ELECTRIC LAMPS															
Total for man-hour tabulations	1/43	1,8,224	158	148	175	152	169	163	113	173	156	169	164	157	158.8
By districts and States															
District A---Massachusetts	5	766	153	144	166	138	160	153	82	169	143	145	154	136	144.9
District B, total	25	4,356	156	144	172	149	168	159	149	168	157	172	164	162	160.6
New York and Pennsylvania	2/9	656	167	160	189	163	173	171	110	173	170	187	168	167	167.1
New Jersey	16	3,700	154	142	171	147	167	157	159	167	154	169	164	162	159.5
District C---Ohio, Ky., Ill., Mo., and Calif.	3/13	3,102	163	155	179	158	172	171	84	182	157	170	166	157	159.6
By size of plant															
1 to 20 wage earners	7	96	162	161	173	144	156	153	139	159	165	166	140	138	153.1
21 to 100	17	874	163	148	176	156	164	169	125	173	166	182	173	161	163.0
101 to 2,500	4/19	7,254	157	148	175	151	169	163	111	173	154	167	164	158	158.3
For footnotes on the Electric Lamp industry, see page 91.															

RADIOS, RADIO TUBES, AND PHONOGRAPHS															
Total for man-hour tabulations	1/121	1,39,750	155	150	170	161	164	175	153	179	170	182	180	147	166.2
The North (Districts A, B, C, and D)	103	36,981	153	149	169	161	162	174	152	179	170	181	180	147	165.7
The South (District E)	3	2,277	190	163	192	164	181	191	165	181	172	191	169	135	173.9
The West (District F)	15	492	161	158	171	175	168	168	148	192	161	185	178	142	167.4
By districts and States															
District A---Mass., R. I., and Conn.	2/11	3,473	177	175	186	161	186	180	160	196	177	189	176	168	177.8
District B, total	45	20,130	152	151	175	168	161	178	150	181	168	177	186	149	166.9
New York	28	4,394	157	157	171	166	162	167	154	181	161	169	170	159	164.7
New Jersey and Pennsylvania	3/17	15,736	151	150	177	168	160	181	149	180	170	179	189	146	167.5
District C, total	42	13,175	148	139	153	147	159	166	152	172	172	185	174	140	160.6
Michigan and Ohio	4/7	1,679	137	147	167	144	149	158	137	175	163	171	179	134	156.6
Indiana	6	2,479	143	137	142	144	139	160	145	147	164	166	169	144	152.1
Illinois and Wisconsin	5/29	9,017	152	139	153	148	166	169	156	178	176	193	174	140	163.6

TABLE 4.--AVERAGE MAN-HOURS PER WAGE EARNER, BY MONTHS, BY DISTRICTS AND STATES AND BY SIZE CLASSES,
FOR SELECTED ESTABLISHMENTS IN 171 INDUSTRIES: 1939--Continued

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District, State, and class	Estab- lish- ments	Wage sarners (average for year)	Monthly averages hours per wage earner												For year
			Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	
RADIOS, RADIO TUBES, AND PHONOGRAPHS---Continued															
District D---Minnesota, Iowa, and Missouri . .	6/5	203	163	145	187	168	159	202	185	181	190	186	190	189	179.1
District E---Maryland and Kentucky	7/3	2,277	190	163	192	164	181	191	165	181	172	191	169	135	173.9
District F---Washington, Oregon, California . .	8/15	492	161	158	171	175	168	168	148	192	161	185	178	142	167.4
By size of plant															
1 to 20 wage sarners	37	427	167	170	188	182	180	188	169	166	174	182	179	180	177.1
21 to 100	33	1,597	166	155	184	175	176	176	162	173	164	176	182	159	170.6
101 to 500	29	7,941	152	154	166	158	165	170	157	177	165	182	172	156	165.3
501 and over	9/22	29,785	156	148	171	161	162	176	151	180	172	182	182	143	166.1
For footnotes on the Radio, Radio Tube, and Phonograph industry, see page 91.															

For footnotes on the Radio, Radio Tube, and Phonograph industry, see page 91.

COMMUNICATION EQUIPMENT															
Total for man-hour tabulations	1/151	1/31,008	152	151	180	156	163	179	132	169	182	178	164	170	165.2
The North (Districts A, B, C, and D)	135	30,852	152	151	180	156	163	179	131	168	182	178	164	170	165.1
The South (District E)	4	18	166	157	173	159	176	170	160	178	163	180	168	161	167.5
The West (District F)	12	138	169	168	182	177	177	180	173	188	177	191	172	181	178.1
By districts and States															
District A---Massachusetts and Connecticut	2/17	2,984	149	145	161	153	165	166	159	181	174	173	158	155	162.7
District B, total	59	10,904	150	142	173	151	159	176	143	172	187	177	165	168	164.5
New York	32	2,166	157	150	182	152	165	175	160	175	173	178	176	165	167.7
New Jersey	16	6,772	146	141	174	153	157	181	135	171	197	179	163	172	165.2
Pennsylvania	11	1,966	155	134	158	141	157	164	153	170	167	171	163	157	158.3
District C, total	54	16,899	154	157	188	160	164	183	118	164	181	179	164	174	165.9
Michigan and Ohio	3/12	1,169	165	162	169	175	175	177	171	189	195	167	161	172.5	
Indiana, Illinois, and Wisconsin	4/42	15,730	153	157	189	159	164	185	114	163	181	178	163	175	165.4
District D---Minnesota and Missouri	5/5	65	167	178	187	182	183	187	181	187	181	170	173	162	178.1
District E---D. C., Ga., La., and Tex.	6/4	18	166	157	173	159	176	170	160	178	163	180	168	161	167.5
District F---Colorado and California	7/12	138	169	168	182	177	177	180	173	188	177	191	172	181	178.1
By size of plant															
1 to 20 wage earners	53	391	161	158	187	169	171	176	165	180	177	181	177	164	172.3
21 to 100	53	2,747	163	165	182	170	174	175	167	183	179	180	170	166	173.0
101 to 500	34	8,555	159	154	177	161	169	177	162	181	182	191	170	159	170.9
501 and over	8/11	19,315	148	147	181	152	158	181	114	160	183	171	159	176	161.3
For footnotes on the Communication Equipment industry, see page 92.															

For footnotes on the Communication Equipment industry, see page 92.

X-RAY AND THERAPEUTIC APPARATUS AND ELECTRONIC TUBES															
Total for man-hour tabulations	1/46	1/1,837	164	159	193	171	172	181	161	175	172	181	179	176	173.8
The North (Districts A, B, and C)	40	1,791	165	159	193	171	172	182	161	174	172	180	179	175	173.6
The West (District D)	6	46	147	158	181	174	179	158	192	187	170	206	183	207	178.8
By districts and States															
District A--Massachusetts and Connecticut	2/3	115	188	174	197	167	182	162	174	201	193	186	180	159	180.0
District B, total	16	465	156	151	187	165	159	174	149	165	182	174	143	186	165.9
New York	10	331	152	147	195	165	163	188	156	176	186	176	131	187	168.1
New Jersey and Pennsylvania	3/6	134	164	163	168	165	152	143	134	139	171	168	177	185	163.6
District C, total	21	1,211	166	161	195	174	175	187	164	175	166	182	192	173	176.0
Michigan, Ohio, Kentucky, and Indiana	4/7	320	170	161	171	168	181	171	167	180	168	188	173	168	172.2
Illinois and Wisconsin	5/14	891	165	161	203	176	173	193	162	174	166	180	199	174	177.7
District D--California	6	46	147	158	181	174	179	158	192	187	170	206	183	207	173.7
By size of plant															
1 to 20 wage earners	29	218	169	169	200	179	173	170	154	163	170	176	179	181	172.7
21 to 100	12	584	169	159	174	165	174	167	161	175	172	188	179	173	171.6
101 to 500	5	1,035	161	157	202	173	170	192	163	177	172	177	179	177	175.0

For footnotes on the X-Ray and Therapeutic Apparatus industry, see page 92.

ELECTRICAL PRODUCTS NOT ELSEWHERE CLASSIFIED															
Total for man-hour tabulations	1/102	1/4,312	158	157	173	168	175	170	148	176	166	176	175	173	168.4
The North (Districts A, B, C, and D)	85	4,040	159	158	173	169	176	170	148	177	166	177	176	174	168.9
The South (District E)	10	229	150	145	173	158	154	170	159	164	163	162	163	158	160.7
The West (District F)	7	43	133	131	173	179	176	188	162	183	177	180	159	182	168.7
By districts and States															
District A--Mass., R. I., and Conn.	2/10	746	134	164	146	159	168	150	134	160	145	163	168	170	155.8
District B, total	31	1,594	164	165	189	177	193	182	171	187	176	184	184	192	180.8
New York	11	329	180	166	173	172	199	188	171	184	180	198	176	185	181.3
New Jersey	10	980	159	160	190	176	191	180	169	189	171	179	186	196	179.6
Pennsylvania	10	285	162	177	201	187	193	186	179	182	187	185	185	183	184.3
District C, total	38	1,652	164	151	171	164	163	166	140	174	166	178	174	159	163.6
Michigan	6	313	165	140	139	132	125	121	114	157	159	165	152	152	144.1
Ohio and Indiana	3/16	840	165	153	178	167	170	176	112	175	157	176	173	166	164.1
Illinois	11	388	166	149	177	177	178	176	174	185	186	189	189	145	174.3
Wisconsin	5	111	154	175	194	192	175	169	167	177	185	186	175	183	177.8

FOR SELECTED ESTABLISHMENTS IN 171 INDUSTRIES: 1939--Continued

District, State, and class	Estab-lish-ments	Wage earners (average for year)	Monthly average hours per wage earner												For year
			Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	
ELECTRICAL PRODUCTS NOT ELSEWHERE CLASSIFIED---Continued															
District D---Minnesota, Iowa, and Missouri . . .	4/6	48	138	140	139	184	173	176	134	160	175	142	152	170	157.6
District E, total	10	229	150	145	173	158	154	170	159	164	163	162	163	158	160.7
Maryland, District of Columbia, and West Virginia . . .	5/7	170	150	144	178	156	153	174	155	164	164	160	165	168	161.9
North Carolina, Georgia, and Alabama	6/3	59	149	148	157	166	160	158	173	162	159	169	159	131	157.2
District F---Colorado, Utah, Oregon, California	7/7	43	133	131	173	179	176	188	162	183	177	180	159	182	168.7
By size of plant															
1 to 20 wage earners	62	561	161	150	181	166	167	181	152	179	174	172	176	170	169.3
21 to 100	31	1,308	159	159	186	172	177	179	166	182	174	178	177	166	173.1
101 to 2,500	8/9	2,443	157	158	165	167	176	162	138	172	160	176	174	177	165.7
For footnotes on the Electrical Products Not Elsewhere Classified industry, see page 93.															
STEAM ENGINES, TURBINES, AND WATER WHEELS															
Total for man-hour tabulations	1/18	1/3,902	137	139	158	142	159	158	144	164	156	154	169	161	153.7
By districts and States															
District A, total	12	3,681	137	138	157	141	159	157	144	164	157	152	169	160	153.3
Massachusetts, New York, and Ohio	2/4	333	172	166	204	175	174	185	169	191	211	187	194	197	186.7
Pennsylvania	8	3,348	134	136	153	138	158	155	142	161	151	148	167	157	150.0
District B---Illinois, Iowa, Texas, California	3/6	221	144	152	176	155	158	165	149	162	148	185	167	161	160.3
By size of plant															
1 to 20 wage earners	5	68	133	151	179	153	150	172	146	186	159	158	167	154	159.1
21 to 100	6	355	146	155	163	144	150	174	138	153	146	171	180	160	156.8
101 to 2,500	4/7	3,479	137	137	157	142	160	156	145	165	157	152	168	161	153.3
For footnotes on the Steam Engine, Turbine, and Water Wheel industry, see page 93.															
INTERNAL-COMBUSTION ENGINES															
Total for man-hour tabulations	1/65	1/14,615	165	159	185	167	177	180	168	180	169	177	177	171	173.0
The North (Districts A, B, C, and D)	59	14,245	165	158	184	167	177	180	167	180	168	178	177	171	172.7
The West (District E)	6	370	168	169	198	173	183	191	176	195	178	171	195	198	184.0
By districts and States															
District A---Connecticut	4	268	147	142	165	169	171	159	163	154	165	167	170	169	161.8
District B, total	14	2,794	168	159	192	156	176	200	168	190	190	193	197	197	183.0
New York	8	1,645	158	149	184	138	160	195	162	187	200	190	206	189	178.2
New Jersey and Pennsylvania	2/6	1,149	182	174	203	182	198	206	176	194	174	196	186	208	189.9
District C, total	31	10,013	165	160	183	169	177	175	166	178	162	172	170	163	170.0
Michigan	7	1,431	176	165	190	170	170	156	142	163	146	189	164	168	167.3
Ohio	7	2,050	146	144	175	155	157	188	180	200	178	180	175	171	169.8
Indiana and Illinois	3/6	1,436	195	186	203	197	200	201	200	182	189	182	185	195	193.0
Wisconsin	11	5,096	162	158	178	167	181	169	159	171	151	162	164	151	164.4
District D, total	10	1,170	163	148	183	173	181	179	173	180	168	188	178	163	173.1
Minnesota, Iowa, and Nebraska	4/5	400	161	159	185	145	177	162	163	185	165	177	176	166	168.2
Missouri	5	770	165	143	182	188	183	188	178	177	169	193	179	161	175.6
District E---California	6	370	168	169	198	173	183	191	176	195	178	171	195	198	184.0
By size of plant															
1 to 20 wage earners	11	102	161	167	173	161	181	167	162	169	151	147	139	165	161.9
21 to 100	25	1,309	163	159	182	158	170	173	161	181	161	174	177	172	169.5
101 to 500	22	6,674	171	162	190	176	182	179	173	178	170	179	177	179	176.5
501 to 2,500	7	6,530	159	155	180	161	174	183	163	183	168	177	178	164	170.2
For footnotes on the Internal-Combustion Engine industry, see page 94.															
MACHINE TOOLS															
Total for man-hour tabulations	1/173	1/36,016	162	164	192	176	186	192	171	194	188	198	207	196	186.9
By districts and States															
District A, total	49	13,220	160	163	196	174	186	196	173	195	191	194	216	198	188.7
Vermont	4	1,720	171	167	190	180	210	198	188	238	196	208	239	218	202.7
New Hampshire, Massachusetts, and Rhode Island . . .	2/24	6,970	152	158	195	174	183	201	176	189	193	189	212	195	187.3
Connecticut	21	4,530	166	169	199	170	182	186	162	189	186	196	215	194	185.7
District B, total	24	3,767	149	164	205	170	180	200	163	198	194	193	198	197	185.4
New York and New Jersey	3/16	2,374	152	169	205	175	183	204	160	185	197	189	189	206	185.4
Pennsylvania	8	1,393	144	155	203	161	174	192	166	218	191	200	213	181	185.4
District C, total	95	18,881	167	164	187	178	187	187	172	193	184	202	203	196	186.2
Michigan	17	2,470	177	177	193	183	196	194	187	209	182	199	192	194	190.6
Ohio and Kentucky	4/47	10,805	165	163	186	177	181	182	175	182	179	201	206	197	184.2
Indiana	5	879	179	178	191	188	205	198	182	214	199	217	204	210	198.8
Illinois	17	2,538	144	145	168	170	182	180	172	205	196	200	202	187	181.2
Wisconsin	9	2,189	183	176	202	182	207	208	139	205	192	206	201	195	191.7
District D---Minn., Iowa, Mo., and Calif.	5/5	148	167	174	169	165	159	174	160	151	141	164	164	158	162.1

TABLE 4.---AVERAGE MAN-HOURS PER WAGE EARNER, BY MONTHS, BY DISTRICTS AND STATES AND BY SIZE CLASSES,
FOR SELECTED ESTABLISHMENTS IN 171 INDUSTRIES: 1939---Continued

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District, State, and class	Estab-lish-ments	Wage earners (average for year)	Monthly average hours per wage earner												For year
			Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	

MACHINE TOOLS---Continued

<u>By size of plant</u>															
1 to 20 wage earners	36	405	156	163	179	167	168	174	161	173	181	177	180	183	172.6
21 to 100	70	3,892	157	162	184	169	181	183	175	192	181	191	195	196	182.0
101 to 500	48	11,515	164	164	185	179	189	189	179	202	197	206	204	200	189.7
501 and over	6/19	20,204	163	165	197	175	185	195	167	190	183	195	212	195	186.6

For footnotes on the Machine Tool industry, see page 94.

MACHINE-TOOL AND OTHER METALWORKING MACHINERY ACCESSORIES, METAL-CUTTING AND SHAPING TOOLS, AND MACHINISTS' PRECISION TOOLS

Total for man-hour tabulations	1/650	1/20,879	161	158	177	169	177	184	176	188	177	183	182	185	177.2
The North (Districts A, B, C, and D)	615	20,656	161	158	177	169	177	184	177	189	177	183	182	186	177.3
The South (District E)	8	48	174	174	181	165	174	182	162	176	177	188	177	185	176.2
The West (District F)	27	175	162	157	179	156	166	174	162	172	162	170	156	157	164.3

By districts and States

District A, total	86	5,303	164	158	177	177	172	175	173	172	189	181	195	203	179.1
New Hampshire, Vermont, and Massachusetts	2/39	3,184	168	158	174	181	170	175	175	166	192	177	185	199	177.5
Rhode Island and Connecticut	2/47	2,119	156	159	181	171	174	175	171	182	184	187	209	207	181.5

District B, total	123	2,675	158	158	184	166	176	181	171	186	175	189	179	192	176.8
New York	63	994	169	166	193	177	184	185	174	186	180	178	181	180	179.5
New Jersey	24	384	178	170	200	173	196	193	165	204	180	198	185	182	185.6
Pennsylvania	36	1,297	145	148	173	156	164	174	170	182	170	196	175	203	172.1

District C, total	387	12,437	160	158	175	167	179	188	179	195	172	182	177	176	176.7
Michigan	148	5,476	159	157	170	161	181	193	179	196	163	175	171	171	175.0
Ohio	105	3,624	161	156	183	168	175	184	175	197	179	194	186	181	179.3
Indiana	32	714	158	153	166	165	170	179	187	203	188	174	182	174	176.9
Illinois	66	2,084	164	163	175	175	183	185	181	191	178	183	173	177	177.6
Wisconsin	36	539	153	155	173	182	167	169	184	178	177	173	175	183	173.3

District D, total	19	241	166	171	182	181	175	182	174	177	176	178	182	184	177.4
Minnesota and Iowa	4/13	136	161	169	182	189	175	189	174	180	183	177	195	192	181.2
Missouri	6	105	171	174	180	169	174	172	173	174	167	178	168	174	172.5

District E---Del., Md., Ky., La., and Tex.	5/8	48	174	174	181	165	174	182	162	176	177	188	177	185	176.2
District F---Colo., Wash., Oreg., and Calif.	6/27	175	162	157	179	156	166	174	162	172	162	170	156	157	164.3

By size of plant

1 to 20 wage earners	411	3,889	159	160	179	167	171	180	173	187	176	177	178	176	174.1
21 to 100	198	8,306	163	163	178	167	180	189	182	194	175	182	181	184	179.2
101 to 500	37	6,430	157	152	175	169	178	182	171	188	172	184	183	185	175.7
501 to 2,500	4	2,254	166	154	175	180	168	174	177	170	196	192	187	207	179.8

For footnotes on the Machine-Tool Accessory industry, see page 95.

METALWORKING MACHINERY AND EQUIPMENT, NOT ELSEWHERE CLASSIFIED

Total for man-hour tabulations	1/139	1/14,902	165	159	187	168	178	182	164	186	175	185	182	186	176.9
The North (Districts A, B, C, and D)	133	14,362	165	159	186	169	178	183	164	185	175	185	182	187	177.0
The West (District E)	6	540	179	156	195	162	168	171	154	191	166	185	175	175	173.4

By districts and States

District A---N. H., Mass., R. I., and Conn.	2/18	1,560	162	164	193	173	174	180	159	181	186	176	187	213	179.7
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District B, total	35	4,851	161	152	185	164	179	181	163	185	176	186	181	178	174.6
New York	13	1,932	160	154	182	168	182	187	173	191	185	190	181	188	179.0
New Jersey and Maryland	3/9	1,590	166	150	184	160	176	174	162	184	173	186	176	166	171.7
Pennsylvania	13	1,329	157	152	191	163	176	179	149	178	164	180	187	178	171.7

District C, total	69	7,380	168	163	186	170	179	184	165	187	173	186	183	189	178.1
Michigan	9	854	165	164	186	179	168	187	175	187	187	187	177	194	180.4
Ohio	29	4,455	169	161	186	168	181	186	158	186	167	182	180	185	176.1
Indiana	5	127	160	149	171	157	174	169	160	175	179	173	177	166	167.7
Illinois	22	1,801	169	166	184	171	181	180	175	189	177	195	190	195	181.7
Wisconsin	4	143	168	180	189	199	180	177	178	186	201	212	205	207	191.0

District D, total	11	571	171	166	187	172	180	185	172	182	179	178	170	174	176.4
Minnesota	6	269	170	168	173	174	178	181	178	182	183	179	174	172	176.1
Iowa and Missouri	4/5	302	171	165	199	170	181	189	167	183	175	178	167	175	176.7

District E---Washington, Oregon, California	5/6	540	179	156	195	162	168	171	154	191	166	185	175	175	173.4
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By size of plant

1 to 20 wage earners	39	378	153	158	182	166	175	177	162	179	178	183	183	186	174.1
21 to 100	60	2,904	165	159	187	169	176	178	161	181	171	181	183	181	174.6
101 to 500	33	7,178	167	162	187	173	179	187	172	186	176	186	185	192	180.0
501 to 2,500	7	4,442	165	155	186	161	178	177	153	188	175	185	176	180	173.6

For footnotes on the Metalworking Machinery and Equipment Not Elsewhere Classified industry, see page 95.

WOODWORKING MACHINERY

Total for man-hour tabulations	1/99	1/3,308	167	163	180	168	176	179	164	184	173	182	178	174	174.2
The North (Districts A, B, C, and D)	70	2,862	169	164	182	170	177	180	164	186	175	185	181	177	176.1
The South (District E)	10	170	177	178	196	176	183	183	180	188	185	175	171	167	180.0
The West (District F)	19	276	145	135	158	141	155	158	142	155	150	156	157	155	150.9

FOR SELECTED ESTABLISHMENTS IN 171 INDUSTRIES: 1939---Continued

District, State, and class	Estab-lish-ments	Wage earners (average for year)	Monthly average hours per wage earner													For year
			Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.		

WOODWORKING MACHINERY---Continued

<u>By districts and States</u>																
District A---Massachusetts and Connecticut . .	2/9	261	164	160	175	165	162	175	156	169	163	173	190	175	169.5	
District B, total	18	786	166	158	180	171	175	169	156	180	160	182	171	165	169.4	
New York	7	271	186	169	180	169	192	179	160	200	171	207	174	168	179.5	
New Jersey	4	361	153	147	177	173	159	160	147	159	151	166	163	159	159.6	
Pennsylvania	7	154	165	163	186	169	184	171	168	190	163	176	181	175	174.3	
District C, total	37	1,726	170	168	183	170	180	186	169	192	183	189	184	181	179.8	
Michigan	8	280	156	158	172	170	170	168	181	190	188	190	177	178	175.5	
Ohio	9	207	164	166	170	157	174	173	152	181	172	173	174	179	169.5	
Indiana	5	84	171	159	171	147	178	158	156	190	156	181	168	179	168.8	
Illinois	9	453	161	156	189	164	183	196	169	205	193	197	204	191	184.8	
Wisconsin	6	702	182	180	190	180	185	193	172	186	181	189	179	176	182.7	
District D, total	6	89	184	172	185	176	184	182	169	178	182	179	187	199	181.5	
Minnesota	3	51	184	163	179	175	183	177	164	183	174	180	201	200	180.5	
Iowa and Missouri	3/3	38	183	183	195	176	185	188	176	173	191	177	168	199	183.0	
District E---Va., N. C., Ky., Tenn., Ala., La. .	4/10	170	177	178	196	176	183	183	180	188	185	175	171	167	180.0	
District F, total	19	276	145	135	158	141	155	158	142	155	150	156	157	155	150.9	
Washington	10	215	133	122	151	129	146	150	135	147	144	150	151	151	143.1	
Oregon and California	5/9	61	183	175	184	180	182	183	168	183	171	180	182	172	178.5	
<u>By size of plant</u>																
1 to 20 wage earners	57	455	162	156	178	159	165	162	149	169	164	164	170	166	163.7	
21 to 100	35	1,499	160	157	176	168	170	173	164	177	171	176	175	174	170.3	
101 to 500	7	1,354	178	172	186	171	186	190	168	196	179	195	185	177	182.0	

For footnotes on the Woodworking Machinery industry, see page 96.

PAPER-MILL, PULP-MILL, AND PAPER-PRODUCTS MACHINERY																
Total for man-hour tabulations	1/79	1/4,755	167	162	183	171	180	177	168	182	179	193	191	197	179.7	
<u>By districts and States</u>																
District A, total	23	1,200	159	155	182	171	176	168	172	181	184	190	196	191	177.9	
Maine, New Hampshire, and Connecticut	2/7	196	165	161	170	201	164	162	185	170	197	169	178	185	175.5	
Massachusetts	16	1,004	157	154	184	165	178	169	170	183	182	194	198	191	178.4	
District B, total	30	2,054	165	161	184	175	188	175	172	185	177	189	186	196	179.7	
New York	20	982	171	164	187	184	187	172	174	170	178	184	185	206	180.3	
Pennsylvania	5	355	151	151	174	154	195	162	175	186	162	197	185	178	172.9	
New Jersey, Delaware, and Maryland	3/5	717	164	161	183	172	187	184	169	206	184	191	190	191	182.3	
District C, total	22	1,394	175	169	180	163	172	188	159	176	175	201	194	205	180.8	
Michigan, Ohio, Indiana, and Illinois	4/10	574	179	153	157	145	159	155	136	142	156	201	179	189	163.5	
Wisconsin	12	820	171	183	199	176	180	210	174	200	187	201	205	216	193.0	
District D---Minnesota and Kansas	5/4	107	179	171	205	178	182	190	172	196	192	188	193	192	186.6	
<u>By size of plant</u>																
1 to 20 wage earners	32	292	151	151	175	169	170	174	159	167	170	172	179	180	168.0	
21 to 100	28	1,436	176	171	189	178	180	178	172	188	181	191	191	191	182.5	
101 to 500	19	3,027	164	158	180	167	181	177	168	181	178	195	193	201	179.6	

For footnotes on the Paper-Mill, Pulp-Mill, and Paper-Products Machinery industry, see page 96.

FOOD-PRODUCTS MACHINERY																
Total for man-hour tabulations	1/252	1/12,561	164	160	184	168	177	182	161	178	170	174	173	171	172.0	
The North (Districts A, B, C, and D)	196	10,877	163	158	183	167	175	182	160	177	168	173	172	169	170.7	
The South (Districts E and F)	28	1,059	178	170	183	172	190	183	160	182	181	182	181	178	178.5	
The West (District G)	28	625	170	170	185	181	183	184	180	196	191	189	181	180	182.9	
<u>By districts and States</u>																
District A, total	15	560	162	158	184	177	174	189	161	167	183	165	166	191	173.5	
New Hampshire and Vermont	2/3	88	172	161	176	167	182	190	178	183	184	134	163	172	172.3	
Massachusetts	8	297	162	152	181	183	172	183	157	163	179	166	161	197	171.7	
Connecticut	4	175	156	168	192	172	173	201	159	169	189	177	175	190	177.3	
District B, total	61	3,109	165	156	180	170	177	188	167	184	172	182	175	172	174.1	
New York	37	2,353	164	155	183	171	179	190	166	187	171	183	175	173	174.9	
New Jersey	6	237	166	162	174	172	170	167	161	167	160	171	164	161	166.4	
Pennsylvania	18	519	168	155	169	165	168	189	172	179	183	179	184	176	173.9	
District C, total	89	6,244	163	160	187	166	175	180	156	173	165	169	171	167	169.4	
Michigan	10	519	147	130	163	148	176	188	149	164	156	169	172	160	160.0	
Ohio	25	1,796	160	162	187	162	168	184	161	173	166	174	191	164	171.3	
Indiana	6	305	166	170	181	183	179	184	171	204	186	200	186	180	182.9	
Illinois	30	2,190	167	165	195	176	181	180	163	185	176	163	162	176	174.1	
Wisconsin	18	1,434	164	160	185	161	173	173	138	154	143	163	155	156	160.5	
District D, total	31	964	160	156	171	159	168	171	159	177	164	174	170	164	166.2	
Minnesota	16	398	156	155	171	164	163	177	162	178	162	178	177	163	167.4	
Iowa, Nebraska, and Kansas	3/6	344	165	160	170	157	181	175	159	176	165	171	164	166	167.6	
Missouri	9	222	158	153	172	155	156	154	156	177	166	171	166	161	162.1	
3-31623																

TABLE 4.--AVERAGE MAN-HOURS PER WAGE EARNER, BY MONTHS, BY DISTRICTS AND STATES AND BY SIZE CLASSES,
FOR SELECTED ESTABLISHMENTS IN 171 INDUSTRIES: 1939--Continued

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District, State, and class	Estab- lish- ments	Wage earners (average for year)	Monthly average hours per wage earner												For year
			Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	
FOOD-PRODUCTS MACHINERY--Continued															
District E, total	18	823	177	169	183	170	191	181	153	178	175	175	174	173	174.8
Maryland	10	731	179	171	184	171	194	181	150	178	177	178	175	176	176.0
Virginia, North Carolina, Kentucky, and Tennessee	4/8	92	158	152	172	160	170	179	176	179	164	153	170	149	165.6
District F--Ga., Fla., Ala., La., Okla., Tex.	5/10	236	185	175	185	180	187	194	184	192	200	205	203	193	191.1
District G, total	28	625	170	170	185	181	183	184	180	196	191	189	181	180	182.9
Colorado, Washington, and Oregon	6/10	164	177	171	191	168	177	180	181	185	183	217	186	187	183.1
California	18	461	169	170	183	186	185	186	179	201	194	181	179	177	182.8
By size of plant															
1 to 20 wage earners	128	1,087	161	160	179	168	179	188	173	184	177	177	175	175	175.1
21 to 100	101	4,777	166	162	182	169	178	179	166	180	173	180	175	176	173.9
101 to 500	19	3,868	164	158	177	170	176	183	162	176	170	178	171	168	171.1
501 to 2,500	4	2,829	164	160	197	166	173	186	145	174	162	160	173	165	168.7
For footnotes on the Food-Products Machinery industry, see page 97.															

For footnotes on the Food-Products Machinery industry, see page 97.

COMMERCIAL LAUNDRY, DRY-CLEANING, AND PRESSING MACHINERY															
Total for man-hour tabulations	1/55	1,253	150	155	179	162	173	175	154	166	176	172	169	174	167.2
The North (Districts A, B, and C)	44	2,409	149	155	178	161	173	175	153	165	176	172	169	174	166.8
The South (District D)	7	99	168	164	194	174	174	180	169	190	183	175	172	170	176.0
The West (District E)	4	26	154	173	186	167	183	169	189	203	163	175	169	184	175.8
By districts and States															
District A, total	21	1,344	147	157	184	161	174	183	154	155	174	168	164	177	166.6
Massachusetts, Rhode Island and New York	2/14	1,259	147	158	185	162	174	183	154	153	174	168	162	177	166.6
New Jersey and Pennsylvania	2/7	85	155	150	181	157	171	181	155	173	170	175	188	173	167.4
District B, total	15	957	148	150	170	158	171	164	146	178	178	175	175	169	165.6
Michigan, Ohio, and Indiana	4/7	359	123	139	154	156	157	135	106	169	168	168	176	167	151.4
Illinois and Wisconsin	5/8	598	165	158	181	160	180	181	169	184	183	179	174	170	174.1
District C--Minnesota, Missouri, and Nebraska	6/8	108	175	161	173	185	175	176	185	175	186	191	184	185	179.0
District D--N. C., Ga., Ky., Ark., Okla., Tex.	7/7	99	168	164	194	174	174	180	169	190	183	175	172	170	176.0
District E--Colorado and California	8/4	26	154	173	186	167	183	169	189	203	163	175	169	184	175.8
By size of plant															
1 to 20 wage earners	36	303	164	162	184	172	178	181	179	183	183	190	181	182	177.9
21 to 100	12	406	173	165	183	172	177	176	157	183	177	174	170	174	173.3
101 to 500	7	1,825	162	152	177	158	172	174	149	160	175	169	167	172	164.1

For footnotes on the Commercial Laundry, Dry-Cleaning, and Pressing Machinery industry, see page 97.

OIL-FIELD MACHINERY AND TOOLS															
Total for man-hour tabulations	1/157	1,143	169	156	174	160	175	175	172	183	174	187	181	176	173.5
The North (Districts A, B, and C)	37	2,330	153	143	152	177	155	161	147	157	152	177	168	167	156.0
The South (Districts D and E)	82	7,074	174	158	179	165	181	180	181	192	183	194	186	181	179.6
The West (District F)	38	2,029	168	166	178	169	178	174	169	180	170	174	177	169	172.6
By districts and States															
District A--Pennsylvania	16	1,024	145	132	135	122	151	161	142	149	148	180	170	163	150.2
District B, total	12	954	164	150	163	149	161	165	156	170	155	177	168	170	162.7
Michigan and Ohio	2/9	853	162	147	161	143	160	166	158	170	153	178	168	170	161.8
Indiana and Illinois	2/3	101	178	186	182	188	170	157	139	167	177	164	162	175	170.3
District C--Missouri and Kansas	4/9	352	147	157	174	146	150	149	137	151	157	169	165	157	154.9
District D, total	13	532	132	126	147	135	157	165	158	148	147	157	143	167	148.4
West Virginia, Kentucky, and Tennessee	5/9	420	121	114	139	124	153	162	153	141	138	150	134	165	141.3
Louisiana	4	112	169	169	176	175	169	178	175	176	183	181	178	173	175.1
District E, total	69	6,542	178	161	182	167	183	181	183	196	186	197	189	182	182.1
Oklahoma	23	1,006	160	152	170	162	171	163	159	178	163	171	170	165	165.4
Texas	46	5,536	181	163	184	168	185	184	188	200	190	202	193	185	185.1
District F--California	38	2,029	168	166	178	169	178	174	169	180	170	174	177	169	172.6
By size of plant															
1 to 20 wage earners	65	590	156	151	167	152	161	162	159	168	154	167	162	166	160.7
21 to 100	71	3,164	166	161	177	166	175	169	168	175	170	177	174	171	170.9
101 to 500	18	3,428	156	150	165	158	172	170	162	173	161	174	168	167	164.7
501 and over	6/3	4,251	182	158	179	157	181	185	185	199	191	208	199	188	184.4

For footnotes on the Oil-Field Machinery and Tools industry, see page 98.

MINING MACHINERY AND EQUIPMENT															
Total for man-hour tabulations	1/53	1,480	136	131	149	136	160	163	157	168	161	181	181	179	159.4
The North (First 3 groups of States below)	33	3,851	133	127	145	131	159	161	155	165	159	181	183	184	157.7
The South (4th and 5th groups)	7	620	137	140	155	141	149	157	152	172	159	177	170	153	156.0
The West (6th and 7th groups)	13	359	166	160	183	182	198	190	189	194	185	196	185	174	183.8

3-31629

TABLE 4.---AVERAGE MAN-HOURS PER WAGE EARNER, BY MONTHS, BY DISTRICTS AND STATES AND BY SIZE CLASSES,
FOR SELECTED ESTABLISHMENTS IN 171 INDUSTRIES: 1939---Continued

District, State, and class	Estab- lish- ments	Wage earners (average for year)	Monthly average hours per wage earner												For year
			Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	

MINING MACHINERY AND EQUIPMENT---Continued

<u>By districts and States</u>															
Pennsylvania	12	773	140	140	156	130	159	157	153	171	147	165	169	146	153.1
N. H., Mich., Ohio, Ind., Ill., and Wis.	2/12	2,655	129	121	139	128	156	159	152	164	157	188	188	197	157.0
Iowa, Missouri, and Kansas	3/9	423	156	148	176	154	174	176	172	160	193	170	178	177	170.6
West Virginia	4	365	134	143	157	127	159	168	150	174	162	180	171	156	157.4
Kentucky, Tennessee, and Texas	4/3	255	142	136	153	160	137	144	155	170	154	173	169	149	153.9
Colorado, Utah, and California	5/10	222	176	173	189	189	192	179	187	193	181	186	180	170	182.8
Washington	3	137	153	140	175	172	207	207	192	195	191	217	196	181	185.4
<u>By size of plant</u>															
1 to 20 wage earners	18	176	160	160	188	162	180	180	162	174	170	182	178	164	171.8
21 to 100	27	1,298	153	149	164	154	167	168	163	173	167	172	172	158	163.6
101 to 500	5	899	135	135	154	130	155	162	159	169	162	175	175	163	157.9
501 to 2,500	3	2,457	127	118	138	127	157	159	153	164	157	189	189	199	156.8

For footnotes on the Mining Machinery and Equipment industry, see page 98.

<u>SPECIAL INDUSTRIAL MACHINERY, NOT ELSEWHERE CLASSIFIED</u>															
Total for man-hour tabulations	1/151	1/9,684	165	166	178	165	171	174	162	178	167	171	174	170	170.1
The North (Districts A, B, C, and D)	125	7,999	165	167	174	164	170	175	161	175	168	173	175	172	170.0
The South (District E)	20	1,444	161	160	196	168	176	166	167	191	159	158	170	154	169.4
The West (District F)	6	241	174	170	200	174	164	200	169	176	197	165	157	189	177.9
<u>By districts and States</u>															
District A, total	30	3,600	170	168	168	157	166	172	157	175	164	164	176	174	167.8
Vermont	4	101	145	149	167	188	139	153	143	176	164	143	155	178	158.1
Massachusetts, Rhode Island, and Connecticut	2/26	3,499	171	169	168	156	168	172	157	175	164	165	177	174	168.0
District B, total	42	1,452	163	164	181	167	171	178	170	184	179	184	169	175	174.0
New York	12	220	161	182	180	156	157	189	158	180	183	178	173	177	172.8
New Jersey	15	545	183	175	202	193	190	192	186	204	183	188	170	179	186.8
Pennsylvania	15	687	148	149	166	151	161	164	161	170	175	182	167	172	164.2
District C, total	46	2,462	164	167	180	172	174	175	160	175	169	179	176	169	171.6
Ohio	26	1,715	169	163	177	172	173	172	154	170	168	176	175	172	170.1
Michigan and Indiana	3/9	608	150	176	188	171	174	183	172	190	171	187	180	156	175.1
Illinois and Wisconsin	4/11	139	165	164	182	169	188	175	175	170	176	180	176	180	175.3
District D---Minnesota, Iowa, and Missouri	5/7	485	142	166	166	168	178	184	173	155	153	181	176	164	167.3
District E, total	20	1,444	161	160	196	168	176	166	167	191	159	158	170	154	169.4
Delaware, West Virginia, North Carolina, Kentucky	6/5	162	181	177	180	179	176	174	186	172	171	177	160	175	175.4
Georgia, Alabama, Mississippi, and Louisiana	7/8	872	158	158	204	164	178	153	164	201	154	159	174	148	168.6
Oklahoma and Texas	8/7	410	159	156	186	171	171	187	167	177	165	145	162	159	168.6
District F---Colorado and California	2/6	241	174	170	200	174	164	200	169	176	197	165	157	189	177.9
<u>By size of plant</u>															
1 to 20 wage earners	76	657	170	172	190	175	175	186	173	185	179	171	178	178	177.6
21 to 100	54	2,748	166	168	184	171	173	175	168	184	172	178	171	177	173.9
101 to 2,500	10/21	6,279	164	164	174	161	170	172	159	175	164	168	174	167	167.7

For footnotes on the Special Industrial Machinery Not Elsewhere Classified industry, see page 99.

<u>BLOWERS AND EXHAUST AND VENTILATING FANS</u>															
Total for man-hour tabulations	1/40	1/3,537	149	154	190	159	181	185	153	181	165	161	181	172	169.7
The North (Districts A and B)	32	3,393	149	153	191	159	181	186	152	182	166	161	182	172	169.9
The South (District C)	4	29	164	157	177	133	142	141	138	105	145	170	153	139	141.5
The West (District D)	4	115	165	169	188	171	179	171	173	186	163	171	164	168	173.2
<u>By districts and States</u>															
District A, total	11	1,946	149	149	186	157	184	184	151	171	175	173	183	171	169.9
Massachusetts and Connecticut	2/5	1,130	157	151	183	156	180	199	151	177	170	181	181	181	172.9
New York, New Jersey, and Pennsylvania	2/6	816	140	146	190	158	189	162	151	160	183	163	187	157	165.7
District B, total	21	1,447	148	159	197	163	178	190	154	198	153	143	180	174	169.8
Michigan	9	709	154	160	211	165	178	200	148	207	144	114	181	172	169.1
Ohio	5	192	162	169	205	173	183	181	157	180	155	171	163	162	171.8
Indiana, Illinois, Wisconsin, and Minnesota	4/7	546	138	155	178	156	177	181	161	191	164	175	184	180	170.2
District C---Arkansas, Louisiana, and Texas	5/4	29	164	157	177	133	142	141	138	105	145	170	153	139	141.5
District D---Colorado, Washington, California	6/4	115	165	169	188	171	179	171	173	186	163	171	164	168	173.2
<u>By size of plant</u>															
1 to 20 wage earners	14	120	144	157	164	148	170	153	167	155	168	175	159	169	160.8
21 to 100	17	807	161	164	191	164	178	184	158	186	165	183	169	176	173.4
101 to 2,500	7/9	2,610	146	150	191	158	183	187	150	182	166	154	186	171	169.0

For footnotes on the Blowers and Exhaust and Ventilating Fans industry, see page 99.

<u>STOKERS, MECHANICAL, DOMESTIC, AND INDUSTRIAL</u>															
Total for man-hour tabulations	1/39	1/3,258	148	143	158	153	157	153	160	170	167	176	165	163	159.9
The North (Districts A and B)	31	3,080	147	142	157	153	157	153	159	169	167	176	164	164	159.5
The West (District C)	8	178	164	158	176	152	166	168	168	179	165	168	172	162	166.7

TABLE 4.--AVERAGE MAN-HOURS PER WAGE EARNER, BY MONTHS, BY DISTRICTS AND STATES AND BY SIZE CLASSES,
FOR SELECTED ESTABLISHMENTS IN 171 INDUSTRIES: 1939--Continued

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District, State, and class	Estab- lish- ments	Wage earners (average for year)	Monthly average hours per wage earner												
			Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	For year
STOKERS, MECHANICAL, DOMESTIC, AND INDUSTRIAL---Continued															
<u>By districts and States</u>															
District A, total	11	1,205	134	122	148	127	133	139	142	162	149	175	164	158	146.8
Massachusetts and New York	2/4	182	119	117	146	132	152	153	143	156	153	156	166	159	146.7
Pennsylvania, Maryland, and South Carolina	2/7	1,023	137	123	149	126	130	136	141	164	148	178	163	158	146.8
District B, total	20	1,875	156	156	163	170	172	161	170	174	177	177	164	168	167.6
Michigan and Ohio	4/6	756	160	154	154	178	179	164	168	167	183	182	162	183	170.2
Indiana	6	250	142	155	172	170	173	183	189	199	186	190	178	184	178.6
Illinois, Wisconsin, and Minnesota	5/8	869	156	158	167	164	164	152	164	171	169	167	163	149	162.3
District C---Mo., Colo., Utah, Wash., Oreg.	6/8	178	164	158	176	152	166	168	168	179	165	168	172	162	166.7
<u>By size of plant</u>															
1 to 20 wage earners	15	89	175	173	198	167	182	197	175	186	187	174	177	186	181.0
21 to 100	13	522	144	152	173	171	168	173	180	191	189	185	178	172	174.5
101 to 500	11	2,647	148	140	154	149	154	149	155	165	161	174	161	161	156.3

For footnotes on the Mechanical Stoker Industry, see page 100.

MECHANICAL POWER-TRANSMISSION EQUIPMENT															
Total for man-hour tabulations	1/162	1/28,418	162	156	176	152	161	171	157	180	163	175	184	176	168.2
The North (Districts A, B, C, and D)	144	28,045	162	156	176	152	161	171	157	180	163	175	184	176	168.2
The South (District E)	5	145	163	159	166	171	162	163	166	170	169	161	169	174	166.2
The West (District F)	13	228	165	159	186	158	177	192	155	173	164	170	170	167	169.
<u>By districts and States</u>															
District A, total	25	9,442	167	159	185	138	154	180	158	188	161	182	196	183	171.5
New Hampshire and Massachusetts	2/10	1,024	159	157	166	207	171	176	171	167	184	185	172	203	177.2
Rhode Island and Connecticut	3/15	8,418	167	160	187	130	151	181	156	190	158	182	199	180	170.8
District B, total	49	5,985	162	154	185	164	170	178	157	188	171	180	193	184	174.5
New York and New Jersey	4/22	3,024	180	163	189	167	173	173	170	185	173	184	191	192	178.9
Pennsylvania	27	2,961	142	145	181	161	167	182	143	191	169	176	195	176	170.0
District C, total	63	12,335	159	155	165	156	162	162	156	170	161	167	170	167	162.6
Michigan	9	1,305	201	169	172	151	174	155	160	206	169	177	199	190	177.6
Ohio and Indiana	5/26	8,928	153	152	160	155	159	160	154	161	158	164	163	161	158.5
Illinois and Wisconsin	6/28	2,102	155	159	179	163	166	173	163	182	168	174	184	176	170.5
District D--Minnesota, Iowa, and Missouri	7/7	283	160	163	167	164	186	162	156	212	166	197	175	188	174.5
District E--Md., N. C., Ky., Tenn., and Tex.	8/5	145	163	159	166	171	162	163	166	170	169	161	169	174	166.2
District F--Colorado, Washington, California	9/13	228	165	159	186	158	177	192	155	173	164	170	170	167	169.5
<u>By size of plant</u>															
1 to 20 wage earners	54	575	156	152	175	163	169	176	161	174	174	176	181	169.7	
21 to 100	57	2,656	162	162	185	171	179	181	172	182	172	180	184	177	175.8
101 to 500	39	8,883	165	159	181	171	171	176	162	182	171	184	189	190	175.9
501 and over	10/12	16,304	161	154	172	138	152	166	151	179	157	170	181	168	162.8
For footnotes on the Mechanical Power-Transmission Equipment industry, see page 100.															

For footnotes on the Mechanical Power-Transmission Equipment industry, see page 100.

INDUSTRIAL MACHINERY NOT ELSEWHERE CLASSIFIED															
Total for man-hour tabulations	1/344	1/16,953	160	156	179	165	174	175	161	180	169	180	175	172	170.6
The North (Districts A, B, C, and D)	263	13,940	161	157	180	165	174	175	160	179	169	178	176	173	170.7
The South (Districts E and F)	44	1,521	163	159	174	163	179	176	163	185	168	189	169	159	170.9
The West (District G)	37	1,492	144	146	171	165	168	171	167	186	174	188	173	173	169.2
<u>By districts and States</u>															
District A, total	40	1,930	158	160	189	164	177	171	174	188	166	171	181	169	172.4
Maine and Massachusetts	2/29	1,759	158	159	190	164	176	170	176	187	166	171	180	169	172.2
Rhode Island and Connecticut	3/11	171	158	171	185	172	183	176	159	194	166	173	188	174	175.0
District B, total	92	6,785	162	155	175	166	177	177	160	179	169	181	175	173	170.9
New York	36	1,806	181	166	189	181	193	184	160	184	174	187	175	165	177.9
New Jersey	19	3,039	159	150	172	164	171	173	163	172	168	181	177	175	168.9
Pennsylvania	37	1,940	150	153	170	155	170	176	156	185	166	176	172	177	167.6
District C, total	110	4,837	161	159	182	163	167	175	154	178	170	176	174	175	169.9
Michigan	15	973	156	154	181	155	164	174	136	175	163	171	174	173	165.0
Ohio	31	1,389	150	148	165	155	160	169	154	174	168	169	167	169	162.9
Indiana	12	487	136	136	172	157	173	166	148	169	149	172	166	160	158.9
Illinois	35	1,606	178	177	201	180	174	184	167	187	185	185	180	187	182.1
Wisconsin	17	382	168	156	174	151	166	177	161	175	162	181	181	184	170.0
District D, total	21	388	162	163	184	172	181	176	166	153	168	174	177	168	170.4
Minnesota	11	272	159	161	182	169	182	173	168	143	162	180	183	169	169.6
Iowa, Missouri, and Nebraska	4/10	116	168	171	187	180	181	184	159	173	182	160	164	165	172.3
District E, total	23	1,112	158	153	170	161	181	176	162	185	167	194	166	158	169.8
Delaware, Maryland, and West Virginia	5/8	765	152	144	165	158	184	173	159	183	164	199	163	156	167.6
Virginia, North Carolina, and Tennessee	6/12	253	171	168	179	167	176	182	167	183	175	184	172	162	174.2
Kentucky	3	94	165	171	186	171	174	186	171	200	161	178	188	170	176.5

TABLE 4.—AVERAGE MAN-HOURS PER WAGE EARNER, BY MONTHS, BY DISTRICTS AND STATES AND BY SIZE CLASSES,
FOR SELECTED ESTABLISHMENTS IN 171 INDUSTRIES: 1939—Continued

District, State, and class	Estab- lish- ments	Wage sarners (average for year)	Monthly average hours per wage earner													For year
			Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.		
INDUSTRIAL MACHINERY NOT ELSEWHERE CLASSIFIED---Continued																
District F, total	21	409	173	171	182	166	174	177	165	187	174	174	180	162	173.8	
Georgia and Louisiana	7/9	276	167	168	178	166	168	171	159	186	171	170	178	156	169.8	
Oklahoma and Texas	8/12	133	186	178	189	167	187	190	176	189	180	185	184	176	182.1	
District G, total	37	1,492	144	146	171	165	168	171	167	186	174	188	173	173	169.2	
Colorado, Utah, Washington, and Oregon	9/15	1,082	141	147	173	168	170	170	166	188	173	196	175	176	170.6	
California	22	410	153	140	165	157	162	175	171	180	175	166	168	167	165.6	
By size of plant																
1 to 20 wage sarners	190	1,770	163	157	184	167	172	182	164	180	174	174	175	176	172.5	
21 to 100	115	4,998	155	154	175	159	172	175	164	180	165	174	173	171	168.2	
101 to 2,500	10/39	10,185	162	157	180	167	175	174	159	180	171	183	175	171	171.5	
For footnotes on the Industrial Machinery Not Elsewhere Classified Industry, see page 101.																

For footnotes on the Industrial Machinery Not Elsewhere Classified industry, see page 101.

MACHINE-SHOP PRODUCTS NOT ELSEWHERE CLASSIFIED																
Total for man-hour tabulations	1/1,161	1/49,292	156	153	170	157	165	166	156	173	165	178	172	173	165.6	
The North (Districts A, B, C, and D)	846	41,769	155	152	169	155	163	164	155	171	164	179	172	174	164.8	
The South (Districts E, F, and G)	143	4,785	166	163	182	167	183	179	166	182	171	177	178	170	173.7	
The West (District H)	172	2,738	155	149	167	167	163	169	161	178	162	168	162	165	163.8	
By districts and States																
District A, total	89	3,992	150	158	165	163	167	164	158	179	173	175	180	188	169.0	
Maine, New Hampshire, and Vermont	2/13	178	169	166	185	168	168	175	179	185	167	171	163	178	172.6	
Massachusetts	54	2,135	161	171	173	168	174	175	167	185	179	185	188	182	175.7	
Rhode Island	8	773	117	130	146	138	166	144	136	182	149	158	179	218	155.9	
Connecticut	14	906	148	149	158	175	150	151	156	162	182	167	169	183	163.4	
District B, total	293	13,192	149	143	158	143	152	149	144	162	155	181	172	172	157.6	
New York	113	3,651	167	156	180	161	174	166	158	179	171	182	175	173	170.6	
New Jersey	45	1,593	173	158	184	169	186	182	173	198	178	185	190	179	179.8	
Pennsylvania	135	7,948	137	134	144	130	134	134	133	147	144	180	167	170	147.1	
District C, total	401	22,810	159	155	174	159	167	171	159	175	167	179	170	173	167.6	
Michigan	96	8,230	157	150	162	151	151	156	149	161	157	170	164	166	158.1	
Ohio	112	6,189	167	165	186	170	183	183	176	190	181	195	183	186	180.9	
Indiana	47	2,548	158	158	181	157	167	183	152	175	170	181	169	173	168.8	
Illinois	110	4,329	152	151	174	156	170	173	159	176	163	171	162	168	164.9	
Wisconsin	36	1,514	163	161	188	167	184	182	150	182	161	180	167	160	170.5	
District D, total	63	1,775	169	165	181	174	172	175	173	175	177	170	170	178	173.3	
Minnesota	17	328	175	166	179	168	171	175	165	166	166	174	166	174	170.5	
Iowa	10	232	175	162	180	178	192	181	187	165	204	182	165	188	179.9	
Missouri	25	1,131	167	167	183	177	171	176	175	180	176	168	173	179	174.5	
Nebraska and Kansas	3/11	84	151	138	160	145	137	152	141	156	148	153	162	144	148.9	
District E, total	56	3,170	167	161	184	166	189	178	166	186	168	179	179	166	174.2	
Del., Md., D. C., and W. Va.	4/22	1,686	180	166	188	170	196	186	171	187	174	191	176	174	180.0	
Virginia	7	122	140	149	167	150	145	168	155	172	167	147	163	157	156.8	
North Carolina	13	227	171	172	176	173	173	174	168	169	174	171	169	165	171.2	
Kentucky	7	869	145	147	184	154	191	165	154	189	152	161	190	153	165.4	
Tennessee	7	266	172	172	181	175	176	182	178	184	179	174	178	173	177.0	
District F, total	35	1,011	164	166	174	168	171	177	164	173	171	176	180	175	171.5	
South Carolina, Georgia, and Florida	5/15	302	178	176	199	185	184	190	179	184	183	183	190	190	185.2	
Alabama	8	367	155	155	147	143	161	170	142	169	154	167	176	152	157.8	
Mississippi, Louisiana, and Arkansas	6/12	342	160	168	180	177	169	173	173	168	180	181	175	189	174.2	
District G, total	52	604	165	170	183	172	171	183	170	178	181	169	170	178	174.1	
Oklahoma	12	97	163	165	176	164	173	176	164	172	168	165	164	167	168.2	
Texas	40	507	166	171	185	173	170	184	171	179	184	170	171	179	175.3	
District H, total	172	2,738	155	149	167	167	163	169	161	178	162	168	162	165	163.8	
Montana, Wyoming, and Colorado	7/13	145	128	143	157	150	164	165	140	156	166	161	148	147	152.3	
Utah, Nevada, and Arizona	8/6	89	139	116	158	156	112	139	136	146	179	163	152	161	144.5	
Idaho	3	50	173	166	187	180	179	187	174	178	187	180	175	175	178.4	
Washington	30	309	145	143	160	165	163	163	157	162	146	161	156	142	155.2	
Oregon	18	233	158	157	157	156	173	171	162	181	164	166	149	152	161.5	
California	102	1,912	159	151	169	171	165	171	165	183	163	169	165	171	166.9	
By size of plant																
1 to 20 wage earners	796	6,180	159	157	176	165	166	172	163	173	168	172	170	171	167.8	
21 to 100	262	11,467	161	159	177	165	172	179	164	178	171	177	176	173	171.1	
101 to 500	89	18,454	161	156	174	161	170	169	160	179	167	181	171	170	168.6	
501 and over	9/14	13,191	144	142	156	140	150	145	142	159	154	177	170	178	155.6	

For footnotes on the Machine-Shop Products industry, see page 102.

		MACHINE-SHOP REPAIRS														
Total for man-hour tabulations		1/706	1/5,768	166	164	174	169	171	173	167	177	172	174	172	171	170.8
The North (Districts A, B, C, and D)		316	2,902	163	162	171	167	170	170	162	171	171	172	171	169	168.5
The South (Districts E, F, and G)		263	1,938	173	169	178	175	177	179	177	185	178	178	173	175	176.4
The West (District H)		127	928	160	161	175	162	159	167	163	178	161	172	172	171	166.6
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TABLE 4.---AVERAGE MAN-HOURS PER WAGE EARNER, BY MONTHS, BY DISTRICTS AND STATES AND BY SIZE CLASSES,
FOR SELECTED ESTABLISHMENTS IN 171 INDUSTRIES: 1939---Continued

District, State, and class	Estab- lish- ments	Wage earners (average for year)	Monthly average hours per wage earner												For year
			Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	
MACHINE-SHOP REPAIRS---Continued															
By districts and States															
District A---Me., N. H., Mass., R. I., Conn.	2/32	149	170	173	185	177	176	188	173	177	172	174	177	184	177.2
District B, total	106	1,292	163	158	165	163	166	165	154	164	165	166	163	161	162.8
New York	56	672	162	162	166	161	164	166	160	167	166	165	166	167	164.3
New Jersey	13	107	157	151	173	174	176	183	161	170	159	166	172	161	167.1
Pennsylvania	37	513	165	155	162	162	168	159	145	160	165	167	157	153	159.9
District C, total	115	991	162	162	172	168	171	174	167	173	177	176	175	171	170.7
Michigan	21	290	157	164	170	166	166	164	167	161	168	168	172	163	166.5
Ohio	37	340	159	161	173	166	174	173	168	179	181	178	182	174	172.5
Indiana	15	102	164	160	172	164	167	182	162	180	186	173	176	171	171.3
Illinois	27	188	172	161	172	174	171	180	165	176	179	181	168	175	172.8
Wisconsin	15	71	174	166	174	170	186	186	174	176	174	183	173	176	176.1
District D, total	63	470	165	167	184	178	179	174	171	185	174	182	179	180	176.6
Minnesota and Iowa	3/17	114	150	156	173	166	173	169	160	188	155	174	169	167	166.6
Missouri	27	252	165	168	186	181	178	170	167	183	178	184	181	184	177.4
Nebraska and Kansas	4/19	104	182	179	191	183	187	190	191	188	182	184	186	183	185.6
District E, total	90	779	175	172	184	173	184	182	173	190	180	182	178	174	178.7
Delaware, Maryland, and District of Columbia	5/29	183	167	153	184	157	172	177	155	185	158	176	179	167	169.5
West Virginia	7	64	166	149	180	146	167	178	161	172	165	168	180	166	166.6
Virginia	12	143	208	206	205	205	198	183	201	198	203	195	194	186	198.1
North Carolina	15	152	167	181	171	174	188	178	168	194	172	191	166	180	177.3
Kentucky	8	80	175	166	190	182	179	199	183	199	199	166	171	185	182.8
Tennessee	19	157	165	166	178	167	178	183	175	187	186	184	176	164	176.2
District F, total	73	532	179	175	181	178	180	184	191	194	183	182	175	185	182.2
South Carolina, Georgia, and Alabama	5/22	130	187	183	185	197	184	180	189	184	189	182	183	187	185.9
Florida	11	73	183	176	191	173	171	187	177	169	183	191	187	184	181.0
Mississippi	11	80	199	201	195	189	196	193	216	228	199	203	190	193	200.4
Louisiana	18	169	169	162	169	162	173	186	191	192	172	168	157	180	172.6
Arkansas	11	80	162	162	181	181	181	175	181	199	182	183	185	181	179.6
District G, total	100	627	165	162	169	173	169	172	168	171	171	170	165	168	168.7
Oklahoma	21	132	167	163	169	167	163	176	167	172	165	168	159	157	166.0
Texas	79	495	165	161	169	175	171	171	168	171	173	170	167	171	169.4
District H, total	127	928	160	161	175	162	159	167	163	178	161	172	172	171	166.6
Mont., Idaho, Wyo., Colo., N. Mex., and Ariz.	7/21	111	191	184	188	184	194	197	201	197	193	198	188	191	191.9
Washington	30	201	144	164	171	168	163	153	160	172	133	156	146	148	156.3
Oregon	9	49	159	166	196	152	167	186	152	197	159	190	168	187	173.2
California	67	567	160	153	171	156	150	165	159	174	168	171	178	173	164.7
By size of plant															
1 to 20 wage earners	669	4,137	167	163	177	171	172	176	170	179	173	172	171	172	172.0
21 to 100	34	1,202	162	170	173	163	168	170	165	181	172	185	180	176	172.0
101 to 500	3	429	164	157	155	163	168	156	148	152	157	161	152	148	156.7

For footnotes on the Machine-Shop Repairs industry, see page 103.

VENDING, AMUSEMENT, AND OTHER COIN-OPERATED MACHINES

Total for man-hour tabulations	1/28	1,253,4	158	155	171	161	173	173	155	164	158	171	169	164	164.5
<u>By districts and States</u>															
Massachusetts, New York, New Jersey, Pennsylvania	2/5	99	94	131	167	209	190	168	137	181	159	153	181	154	161.0
Michigan, Ohio, Illinois, and Wisconsin	3/17	2,325	165	157	173	160	173	174	156	165	159	174	170	164	165.8
Missouri and California	4/6	110	105	126	138	160	155	163	142	134	131	126	143	163	140.6
<u>By size of plant</u>															
1 to 20 wage earners	13	96	161	152	174	175	170	177	169	170	177	170	167	174	169.9
21 to 100	10	621	139	140	153	161	170	171	148	161	152	156	175	171	158.6
101 to 2,500	5/5	1,817	166	160	178	161	174	174	156	165	158	176	167	160	166.3

For footnotes on the Vending, Amusement, and Other Coin-Operated Machine industry, see page 103.

REFRIGERATORS, DOMESTIC (MECHANICAL AND ABSORPTION); REFRIGERATION MACHINERY AND EQUIPMENT; AND COMPLETE AIR-CONDITIONING UNITS

Total for man-hour tabulations	1/179	1,33,089	163	159	178	159	160	175	152	150	150	147	154	160	159.6
The North (Districts A, B, C, and D)	131	31,311	162	158	178	158	158	175	151	148	149	145	153	160	158.8
The South (District E)	22	1,130	174	169	188	182	198	179	170	196	163	176	183	164	179.0
The West (District F)	26	648	157	155	176	169	172	172	163	174	158	167	159	145	164.7
By districts and States															
District A---N. H., Mass., and Conn.	2/8	193	171	150	193	189	184	171	190	167	145	170	162	172	173.4
District B, total	42	5,690	146	165	194	173	171	189	154	150	156	145	164	164	165.2
New York	23	1,466	161	165	200	165	177	204	156	164	178	167	158	181	174.3
New Jersey and Pennsylvania	3/19	4,224	141	165	191	176	168	183	153	145	148	138	166	159	162.1
District C, total	65	23,262	167	158	176	155	173	150	146	147	145	151	161	157.7	
Michigan and Ohio	4/29	16,434	165	156	181	144	166	167	145	136	151	147	155	157	154.6
Indiana	9	5,885	176	164	163	185	177	189	163	172	133	136	137	170	165.0
Illinois and Wisconsin	5/27	943	160	162	187	166	168	178	158	153	160	166	167	165	166.9

TABLE 4.---AVERAGE MAN-HOURS PER WAGE EARNER, BY MONTHS, BY DISTRICTS AND STATES AND BY SIZE CLASSES,
FOR SELECTED ESTABLISHMENTS IN 171 INDUSTRIES: 1939---Continued

District, State, and class	Estab- lish- ments	Wage earners (average for year)	Monthly average hours per wage earner												For year
			Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	
REFRIGERATORS, DOMESTIC (MECHANICAL AND ABSORPTION); REFRIGERATION MACHINERY AND EQUIPMENT; AND COMPLETE AIR-CONDITIONING UNITS---Continued															
District D, total	16	2,166	151	149	156	149	154	158	151	156	148	151	151	148	152.0
Minnesota	6	1,535	145	144	146	145	146	148	145	147	143	144	144	145	145.1
Iowa, Missouri, and Nebraska	6/10	631	167	160	186	162	172	182	163	174	161	170	169	156	168.6
District E, total	22	1,130	174	169	188	182	198	179	170	196	163	176	183	164	179.0
Md., W. Va., N. C., Ky., and Tenn.	7/10	543	179	158	171	173	192	164	157	191	145	174	159	147	168.4
Georgia, Louisiana, Oklahoma, and Texas	8/12	587	170	180	207	192	205	194	183	201	179	177	197	177	188.8
District F, total	26	648	157	155	176	169	172	172	163	174	158	167	159	145	164.7
Colorado, Washington, and Oregon	9/6	68	159	167	150	186	170	181	169	157	163	146	138	158	162.5
California	20	580	157	154	179	167	173	171	163	176	158	169	162	143	164.9
By size of plant															
1 to 20 wage earners	99	880	152	153	169	168	166	173	162	173	164	164	165	155	164.1
21 to 100	42	2,046	164	160	181	169	177	174	166	174	161	170	167	163	169.2
101 to 500	26	6,496	154	158	169	169	167	158	149	165	149	158	158	156	159.7
501 and over	10/12	23,667	165	159	181	155	156	181	151	143	148	142	152	161	158.5

For footnotes on the Refrigerator and Air-Conditioning industry, see page 104.

ELEVATORS, ESCALATORS, AND CONVEYORS															
Total for man-hour tabulations	1/123	1,774	151	148	162	160	168	172	162	175	169	171	172	165	165.1
The North (Districts A, B, C, and D)	91	6,576	149	146	160	158	166	171	161	173	168	169	171	169	164.0
The South (Districts E and F)	16	404	177	171	169	169	179	177	175	185	177	189	175	116	170.1
The West (District G)	16	294	183	167	198	177	199	178	179	198	171	181	190	168	182.2
By districts and States															
District A---Massachusetts and Connecticut	2/10	156	134	135	159	152	164	159	176	177	167	169	175	171	162.1
District B, total	31	3,314	141	136	154	157	163	173	164	184	171	167	171	170	162.7
New York	11	1,460	131	127	136	162	171	173	166	190	170	174	180	164	162.2
New Jersey	5	856	135	127	167	140	146	175	152	179	168	158	165	174	157.1
Pennsylvania	15	998	161	159	172	164	165	170	170	179	174	165	163	175	168.2
District C, total	40	2,870	159	157	167	159	168	169	157	163	164	170	172	167	164.5
Michigan	5	737	155	156	159	155	167	170	145	148	154	157	175	163	156.9
Ohio	14	947	161	156	169	159	169	174	169	178	171	180	173	170	169.3
Indiana, Illinois, and Wisconsin	2/21	1,186	159	158	168	160	167	165	162	172	165	169	170	166	165.4
District D---Minnesota, Missouri, and Kansas	4/10	236	161	165	171	179	186	181	174	187	180	191	163	180	176.8
District E, total	13	366	178	172	170	170	179	178	175	187	177	191	175	112	170.3
Maryland	4	54	182	176	206	178	194	197	175	203	182	191	190	169	186.6
Virginia and North Carolina	5/4	57	160	142	156	151	167	177	158	181	161	177	176	165	164.8
Kentucky and Tennessee	6/5	255	182	177	165	173	179	174	180	185	181	193	173	95	168.1
District F---Georgia and Texas	7/3	38	165	163	157	162	173	165	172	168	171	173	178	174	168.7
District G---Colorado, Oregon, and California	8/16	294	183	167	198	177	199	178	179	198	171	181	190	168	182.2
By size of plant															
1 to 20 wage earners	72	722	159	155	175	156	165	166	162	180	167	175	171	164	166.5
21 to 100	35	1,695	165	159	182	170	186	181	175	186	183	180	182	183	178.1
101 to 500	13	2,628	146	145	164	149	159	172	155	167	162	166	169	157	160.0
501 to 2,500	3	2,229	144	141	141	164	164	166	163	176	166	169	169	162	160.7

For footnotes on the Elevator, Escalator, and Conveyor industry, see page 105.

CARS AND TRUCKS, INDUSTRIAL															
Total for man-hour tabulations	1/44	1,254	154	152	170	159	167	167	150	172	162	178	174	165	164.4
The North (District A)	33	2,236	153	150	171	159	168	168	149	172	162	179	175	165	164.6
The South (District B)	6	122	134	150	135	129	111	103	104	141	148	146	150	136	132.1
The West (District C)	5	186	185	176	186	187	187	186	183	183	184	185	184	177	183.6
By districts and States															
District A, total	33	2,236	153	150	171	159	168	168	149	172	162	179	175	165	164.6
Mass., Conn., N. Y., N. J., and Pa.	2/11	733	167	155	170	168	176	172	151	171	153	187	180	173	169.0
Michigan, Ohio, and Illinois	2/17	1,392	144	146	171	151	163	165	146	172	165	173	172	160	161.1
Wisconsin, Minnesota, Iowa, and Missouri	4/5	111	170	169	182	188	187	189	178	186	173	191	182	166	179.8
District B---Md., W. Va., Va., Ky., Ala., Tex.	5/6	122	134	150	135	129	111	103	104	141	148	146	150	136	132.1
District C---Colorado, Oregon, and California	6/5	186	185	176	186	187	187	186	183	183	184	185	184	177	183.6
By size of plant															
1 to 20 wage earners	23	231	159	157	182	173	173	174	156	182	161	178	180	165	170.3
21 to 100	13	753	161	161	168	162	167	166	153	166	167	170	167	163	164.2
101 to 500	8	1,560	150	147	170	156	166	166	147	173	161	181	177	165	163.7

For footnotes on the Industrial Car and Truck industry, see page 105.

MOTOR VEHICLES AND MOTOR-VEHICLE BODIES, PARTS, AND ACCESSORIES															
Total for man-hour tabulations	1/779	1,386,879	144	133	156	141	141	150	136	175	153	161	165	160	151.3
The North (Districts A, B, C, and D)	611	372,343	144	133	156	141	141	150	136	176	153	160	165	160	151.3
The South (District E)	78	7,883	152	139	154	153	146	156	138	137	141	168	170	165	152.7
The West (District F)	90	6,653	140	127	145	129	140	149	140	167	154	170	168	153	148.2

TABLE 4.---AVERAGE MAN-HOURS PER WAGE EARNER, BY MONTHS, BY DISTRICTS AND STATES AND BY SIZE CLASSES,
FOR SELECTED ESTABLISHMENTS IN 171 INDUSTRIES: 1939---Continued

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District, State, and class	Estab- lish- ments	Wage earners (average for year)	Monthly average hours per wage earner												For year
			Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	
MOTOR VEHICLES AND MOTOR-VEHICLE BODIES, PARTS, AND ACCESSORIES---Continued															
By districts and States															
District A---Me., N. H., Mass., R. I., Conn.	2/33	2,070	148	139	156	152	156	159	144	150	162	181	161	158	156.5
District B, total	151	37,701	149	141	172	154	152	154	140	170	158	172	172	163	158.6
New York	75	15,495	147	147	166	156	143	153	138	164	160	167	169	169	157.1
New Jersey	27	8,891	158	128	181	153	155	157	145	172	168	189	182	168	164.0
Pennsylvania	49	13,315	145	142	172	152	161	153	141	173	149	165	169	153	156.7
District C, total	378	324,255	143	132	155	139	139	149	135	177	152	159	164	159	150.1
Michigan	156	250,262	142	129	150	137	135	147	131	177	151	159	161	160	148.0
Ohio	79	28,888	142	144	164	143	149	161	143	175	160	168	165	158	156.1
Indiana	45	25,292	143	138	172	154	161	159	146	171	149	159	180	152	156.9
Illinois	70	6,776	158	145	169	160	161	155	153	169	167	171	174	161	162.5
Wisconsin	28	13,037	153	147	181	150	141	143	160	195	160	126	176	165	157.3
District D---Minn., Iowa, Mo., Nebr., Kans.	2/49	8,317	161	140	154	156	156	169	153	178	163	174	172	170	162.1
District E, total	78	7,883	152	139	154	153	146	156	138	137	141	168	170	165	152.7
Del., Md., D. C., W. Va., Va., N. C., Ky., Tenn.	4/35	4,558	143	134	159	154	141	152	136	140	144	165	169	162	150.8
S. C., Ga., Fla., Ala., Miss., La., and Ark.	5/19	1,969	158	146	141	142	144	161	133	137	143	172	172	171	152.9
Oklahoma and Texas	6/24	1,356	171	145	159	164	167	165	153	130	132	176	173	169	159.1
District F, total	90	6,653	140	127	145	129	140	149	140	167	154	170	168	151	148.2
Colorado, Utah, and Arizona	7/7	155	160	159	184	168	191	198	170	189	144	166	169	179	173.1
Washington	12	316	154	145	164	156	171	174	145	177	130	158	151	145	156.3
Oregon	8	172	157	157	174	164	167	159	148	169	144	159	158	155	159.7
California	63	6,010	139	125	142	125	136	145	138	165	157	171	169	153	146.8
By size of plant															
1 to 20 wage earners	309	2,624	164	160	176	169	172	177	168	175	172	170	168	169	169.9
21 to 100	173	8,262	161	161	181	167	172	175	162	184	170	170	171	169	170.5
101 to 500	134	31,787	150	143	163	154	156	158	146	173	161	167	167	156	158.1
501 to 2,500	134	154,193	146	133	156	141	140	152	138	172	152	160	155	159	150.3
2,501 and over	29	190,013	140	130	154	138	138	146	131	177	151	160	174	160	149.8
For footnotes on the Motor-Vehicle industry, see page 106.															

AUTOMOBILE TRAILERS (FOR ATTACHMENT TO PASSENGER CARS)

Total for man-hour tabulations	1/45	1,1218	157	157	188	178	185	185	168	188	170	176	182	173	176.7
The North (District A)	27	1,029	154	155	189	177	186	184	168	186	174	177	183	171	176.6
The South (District B)	5	81	138	148	181	175	172	190	139	201	137	135	113	165	162.1
The West (District C)	13	108	194	172	187	188	189	190	193	193	156	183	207	196	188.0
<u>By districts and States</u>															
District A, total	27	1,029	154	155	189	177	186	184	168	186	174	177	183	171	176.6
Michigan	9	360	167	156	191	189	194	194	175	181	190	192	179	183	183.7
New York, Pennsylvania, Ohio, and Indiana	2/10	501	136	148	188	165	183	177	160	194	161	171	189	161	171.3
Illinois, Wisconsin, and Minnesota	3/8	168	181	174	184	184	177	180	176	176	178	168	172	177	177.1
District B---Md., Miss., Okla., and Tex.	4/5	81	138	148	181	175	172	190	139	201	137	135	113	165	162.1
District C---Colorado, Oregon, and California	5/13	108	194	172	187	188	189	190	193	193	156	183	207	196	188.0
<u>By size of plant</u>															
1 to 20 wage earners	28	201	159	139	163	158	160	170	145	162	158	150	145	154	155.6
21 to 500	6/17	1,017	157	161	193	182	190	187	172	194	173	182	188	176	180.8

For footnotes on the Automobile Trailer industry, see page 106.

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TABLE 5-A --- NUMBER OF WAGE EARNERS, BY MONTHS, BY INDUSTRIES, FOR SELECTED ESTABLISHMENTS IN 171 INDUSTRIES: 1939
 [For total numbers of establishments and of wage earners in the respective industries, see footnotes on Table 3]

Industry	Estab- lish- ments	Average number 1/ for year	Number of wage earners engaged in manufacturing receiving pay at any time during the normal pay-roll period ended nearest the 15th day											
			January	February	March	April	May	June	July	August	September	October	November	December
171 Selected industries 2/	36,337	4,246,118	4,042,895	4,081,876	4,109,458	4,097,146	4,081,279	4,096,645	4,076,567	4,137,324	4,356,118	4,596,013	4,630,987	4,646,141
Food and tobacco industries (13)	3,380	287,980	276,744	269,360	269,143	273,177	278,169	283,745	289,112	292,710	296,895	311,501	311,573	303,620
Food industries (10)	2,867	206,415	199,308	189,828	190,022	193,552	197,921	202,696	207,948	208,903	212,999	226,718	226,820	220,252
Flour and other grain-mill products	833	19,698	19,009	18,916	19,082	19,171	19,569	19,775	20,446	20,111	20,561	20,156	19,866	19,716
Feeds, prepared, for animals and fowls	576	11,283	10,674	10,579	10,758	11,119	11,323	11,749	11,749	11,574	11,935	11,475	11,245	11,213
Cereal preparations	51	7,355	6,859	6,874	6,968	7,083	7,469	7,628	7,825	7,780	8,722	7,692	6,522	6,835
Blended and prepared flour	40	412	369	391	397	401	393	410	418	410	487	428	421	433
Custom slaughtering, wholesale	32	589	581	583	571	574	606	599	625	593	611	590	571	565
Meat packing, wholesale	737	108,647	109,931	103,720	101,592	101,564	105,172	107,480	109,465	108,777	110,474	111,983	115,635	117,566
Sugar, beet	76	9,329	5,851	3,341	3,252	3,618	3,930	4,065	4,601	7,512	10,484	24,778	24,231	16,290
Sugar refining, cane	27	14,133	13,531	12,939	13,619	15,592	13,938	13,688	15,315	15,132	13,368	14,818	14,134	13,824
Sugar, distilled	65	3,705	3,828	3,865	4,012	3,939	3,705	3,318	3,020	3,095	3,288	3,846	4,302	4,243
Liquors, malt	430	31,264	28,675	28,620	29,371	30,491	31,816	33,985	34,484	33,919	33,089	30,952	29,893	29,867
Tobacco industries (3)	513	81,565	77,436	79,532	79,121	79,625	80,248	81,049	81,164	83,807	83,896	84,783	84,753	83,368
Cigars	388	45,355	41,646	44,557	44,081	44,517	45,162	45,791	45,776	46,390	46,195	47,020	47,156	45,968
Cigarettes	35	27,426	27,082	26,197	26,296	26,413	26,406	26,597	26,761	28,586	28,874	28,845	28,638	28,421
Tobacco (chewing and smoking) and snuff	90	8,784	8,708	8,778	8,744	8,695	8,680	8,661	8,627	8,831	8,827	8,918	8,959	8,979
Textile mill products and apparel (48)	6,818	1,175,104	1,142,065	1,169,203	1,168,851	1,140,240	1,125,444	1,129,972	1,147,804	1,177,881	1,190,388	1,242,860	1,245,948	1,220,614
Textile mill products (35)	4,382	921,682	905,258	918,634	912,152	887,418	882,601	885,815	897,964	916,677	924,736	973,752	986,794	968,393
Cotton manufactures (8)	1,357	427,143	416,876	422,017	422,643	416,598	409,257	407,853	412,248	418,819	429,443	452,602	459,590	457,762
Cotton yarn	281	62,270	59,984	60,554	60,858	59,951	59,336	58,845	59,075	60,026	62,930	67,040	69,580	69,064
Cotton thread	50	12,635	12,356	12,702	12,666	12,331	12,045	12,045	12,775	12,315	12,315	13,048	13,382	13,246
Cotton broad woven goods	576	297,778	290,720	293,878	293,776	289,920	285,047	285,949	290,370	294,220	299,423	314,194	318,295	317,549
Cotton narrow fabrics	118	10,957	10,779	10,983	10,966	10,663	10,496	10,105	10,379	10,533	10,567	11,804	12,048	11,755
Dyeing and finishing of cotton textiles	186	37,188	36,860	37,687	37,972	37,437	36,278	35,139	35,013	35,976	36,736	39,131	39,097	38,929
Shade cloth, special finishing of cotton fabric	28	1,008	979	993	997	984	979	986	989	989	1,014	1,067	1,079	1,041
Battling, padding, wadding; upholstery filling	79	3,785	3,746	3,795	3,686	3,516	3,369	3,404	3,171	3,312	4,034	4,530	4,376	4,476
Processed cotton waste---regular factories	39	1,522	1,452	1,425	1,422	1,461	1,421	1,380	1,464	1,448	1,564	1,788	1,733	1,702
Wool manufactures (9)	813	175,639	180,511	179,034	169,036	153,870	163,010	170,971	175,052	175,998	171,346	187,255	193,233	188,350
Woolen and worsted manufactures:														
Contract factories	57	5,301	5,425	5,497	5,222	4,350	4,832	5,096	5,434	5,365	5,361	5,789	5,632	5,614
Regular factories	508	133,911	140,321	137,683	127,615	114,185	123,605	131,281	134,944	135,202	128,984	142,026	147,424	143,661
Dyeing and finishing of woolen and worsted	47	2,371	2,311	2,465	2,363	2,189	2,219	2,219	2,307	2,379	2,419	2,636	2,566	2,419
Spinning of woolen and worsted	43	739	724	820	779	673	643	701	774	809	734	730	731	751
Processed waste and recovered fibers---contract factories	24	573	634	615	548	457	472	491	528	537	647	695	707	546
Recovered wool fibers---regular factories	50	2,201	2,022	2,057	1,939	1,828	1,959	2,220	2,139	2,054	2,397	2,701	2,665	2,427
Felt goods (except woven felts and hats)	37	3,346	3,106	3,276	3,264	3,133	3,056	3,031	2,997	3,174	3,558	3,892	3,904	3,763
Woolen and worsted carpet yarn	10	2,675	2,477	2,585	2,611	2,592	2,509	2,585	2,606	2,616	2,745	2,929	3,049	2,794
Wool carpets and rugs	37	24,522	23,491	24,036	24,735	24,463	23,715	23,347	23,323	23,862	24,501	25,857	26,555	26,375

Rayon manufactures (6)	511	88,655	87,364	89,930	89,881	87,711	84,378	82,895	85,077	88,850	89,983	93,090	92,018	92,662
Rayon throwing and spinning---contract factories	26	2,173	2,315	2,353	2,257	2,157	1,848	1,612	2,170	2,291	2,339	2,344	2,251	2,142
Rayon yarn and thread---regular factories	43	5,638	5,921	6,262	5,429	5,122	4,479	4,582	5,417	6,070	6,151	6,192	6,311	5,720
Rayon broad woven goods:														
Contract factories	62	3,656	3,418	3,424	3,712	3,730	3,573	3,335	3,336	3,580	3,762	4,069	4,103	3,829
Regular factories	146	55,850	54,987	55,998	56,723	54,952	52,953	52,432	54,594	56,527	56,269	58,111	58,752	57,885
Rayon narrow fabrics	73	4,632	3,934	4,308	4,601	4,646	4,508	4,424	4,444	4,591	4,652	5,162	5,113	4,816
Dyeing and finishing of rayon and silk textiles	161	16,706	16,789	17,508	17,159	17,134	17,007	16,510	15,116	15,791	16,500	17,204	15,488	18,270
Silk manufactures (5)	265	31,660	32,112	33,373	33,280	32,844	31,056	28,924	28,723	29,868	30,891	32,898	33,682	32,266
Silk throwing and spinning---contract factories	62	10,532	10,691	11,303	11,245	11,050	10,342	9,355	9,389	9,911	10,449	11,029	11,081	10,542
Silk yarn and thread---regular factories	46	8,908	9,105	9,365	9,428	9,235	8,789	8,451	8,329	8,398	8,585	9,115	9,210	8,859
Silk broad woven goods:														
Contract factories	25	800	952	898	853	796	789	657	562	638	715	866	949	920
Regular factories	59	7,475	7,814	7,984	7,809	7,800	7,263	6,549	6,546	6,931	7,103	7,751	8,284	7,862
Silk narrow fabrics	73	3,945	3,550	3,823	3,945	3,963	3,873	3,912	3,897	3,990	4,039	4,107	4,158	4,083
Knit goods (7)	1,436	198,585	188,395	194,280	197,312	196,365	194,900	195,172	196,864	203,142	203,073	207,907	208,271	197,353
Hosiery, full-fashioned	337	84,361	84,201	85,273	85,833	85,759	84,165	82,790	81,341	84,461	83,365	86,320	86,855	81,971
Hosiery, seamless	319	49,362	47,913	49,083	49,072	49,302	49,027	49,086	49,564	49,520	49,073	49,264	50,531	50,311
Knitted cloth	134	9,135	7,850	8,096	8,685	8,719	8,574	9,105	9,354	9,551	9,695	10,133	10,278	9,509
Knitted gloves	17	3,692	2,633	3,163	3,368	3,489	3,555	3,632	3,656	3,954	4,047	4,275	4,328	4,209
Knitted outerwear (except knitted gloves):														
Contract factories	166	3,238	2,711	3,078	3,018	2,586	2,701	3,019	3,446	3,780	4,125	4,164	3,650	2,576
Regular factories	306	15,378	13,411	14,792	15,154	13,753	13,878	14,177	15,648	17,362	18,105	18,195	16,622	13,440
Knitted underwear	157	33,419	29,636	30,795	31,580	32,727	33,000	33,363	33,855	34,514	34,663	35,556	36,007	35,337
Apparel (men's clothing) (13)	2,436	253,422	236,807	250,569	256,699	252,822	242,843	244,157	249,840	261,204	265,652	269,108	259,154	252,221
Work clothing (except work shirts) and sport garments (except leather)	459	46,224	40,292	42,564	44,388	45,253	45,948	46,603	47,336	48,940	49,035	50,102	48,761	45,471
Trousers (seamless), wash suits, and washable service apparel	169	13,900	12,613	13,415	13,629	14,179	14,211	14,377	13,952	14,006	14,129	14,446	13,920	13,923
Leather and sheep-lined clothing	61	3,541	2,340	2,277	2,688	3,011	3,278	3,558	3,980	4,332	4,534	4,610	4,329	3,556
Raincoats and other waterproof garments (except oil-coated cotton)	35	1,792	1,310	1,521	1,603	1,842	1,868	1,838	1,889	2,022	2,160	2,201	1,908	1,344
Work shirts	71	12,336	10,836	11,838	12,135	12,440	12,337	12,670	12,956	13,000	12,974	13,328	12,595	10,923
Men's and boys' shirts (except work shirts), collars, and nightwear:														
Contract factories	106	10,520	9,606	10,230	10,438	10,510	10,508	10,363	10,120	10,385	10,953	11,177	11,233	10,721
Regular factories	243	45,895	44,270	46,444	47,021	46,554	44,826	43,888	43,556	45,612	46,547	47,825	48,017	46,181
Men's and boys' underwear---contract factories	10	1,211	1,192	1,156	1,191	1,199	1,188	1,157	1,152	1,146	1,257	1,399	1,286	
Men's and boys' underwear---regular factories	36	4,850	4,496	4,757	4,935	4,911	4,907	4,833	4,763	4,642	4,661	5,031	5,119	5,111
Men's neckwear---contract factories	20	681	526	629	639	643	565	572	637	767	827	815	821	736
Men's neckwear---regular factories	185	6,568	6,004	6,766	6,764	6,390	6,128	6,049	5,968	6,457	6,829	7,283	7,414	7,034
Men's and boys' suits, coats, and overcoats (except work clothing):														
Contract factories	653	34,392	33,373	36,279	37,627	35,296	29,701	28,341	31,704	36,573	38,129	37,710	33,511	34,461
Regular factories	388	71,512	69,949	72,693	73,641	70,594	67,378	69,908	72,097	73,322	73,667	73,323	70,097	71,474
Forest products (15)	9,648	445,589	400,543	406,249	412,593	423,081	437,748	446,867	450,761	463,154	472,081	483,975	482,130	467,880
Lumber and timber basic products (4)	6,904	288,181	256,731	257,338	261,619	273,080	286,658	293,430	294,921	303,635	306,752	313,062	310,837	300,114
Logging camps and contractors (not with sawmills)	525	16,796	12,248	10,919	11,278	13,432	17,040	18,892	18,398	19,423	18,605	20,769	21,045	19,499
Sawmills, veneer mills, and cooperage-stock mills, including those combined with logging camps and with planing mills	4,535	214,599	192,492	194,019	197,481	206,036	213,933	217,086	219,304	224,869	227,888	231,718	229,226	221,111
Planing mills not with sawmills	1,771	48,000	44,028	44,314	44,628	45,306	47,218	48,817	48,407	50,281	51,021	51,034	50,943	50,002
Flywood mills	73	8,786	7,963	8,056	8,232	8,306	8,467	8,635	8,812	9,062	9,238	9,541	9,623	9,502

TABLE 5-A --- NUMBER OF WAGE EARNERS, BY MONTHS, BY INDUSTRIES, FOR SELECTED ESTABLISHMENTS IN 171 INDUSTRIES: 1939---Continued

Industry	Estab- lish- ments	Average number 1/ for year	Number of wage earners engaged in manufacturing receiving pay at any time during the normal pay-roll period ended nearest the 15th day											
			January	February	March	April	May	June	July	August	September	October	November	December
Wooden containers (4)	611	31,000	27,112	28,517	29,596	29,826	31,568	31,975	31,952	31,982	33,077	33,948	31,571	30,867
Baskets for fruits and vegetables	110	6,822	4,877	5,653	6,294	6,496	7,424	7,605	8,235	8,169	8,291	7,740	5,592	5,482
Rattan and willowware (except furniture) and baskets other than vegetable and fruit baskets	31	1,212	1,036	1,138	1,120	1,097	1,204	1,237	1,239	1,266	1,303	1,344	1,332	1,229
Cigar boxes, wooden or part wooden	47	2,559	2,515	2,505	2,471	2,484	2,493	2,522	2,540	2,585	2,659	2,694	2,706	2,550
Wooden boxes except cigar boxes	423	20,407	18,684	19,221	19,721	19,749	20,447	20,611	19,938	19,962	20,844	22,170	21,941	21,606
Furniture (7)	2,133	126,408	116,700	120,394	121,378	120,175	119,522	121,462	123,888	127,537	132,252	136,965	139,722	136,899
Venetian blinds 2/	86	2,655	2,190	2,271	2,399	2,629	2,797	2,869	2,720	2,623	2,730	2,816	2,972	2,849
Upholstered household furniture	510	23,103	21,642	22,555	23,001	22,525	22,162	22,196	22,532	23,126	23,697	24,289	24,803	24,742
Household furniture except upholstered	932	72,411	66,814	68,798	68,407	67,537	67,567	69,075	70,800	73,153	76,230	79,943	81,561	79,046
Office furniture	99	10,515	10,310	10,555	10,102	10,182	10,108	10,098	10,224	10,054	10,811	11,542	11,648	11,648
Public-building furniture	76	5,163	4,801	4,831	4,913	4,924	4,881	4,904	5,013	5,215	5,472	5,621	5,719	5,665
Laboratory, hospital, professional furniture	51	2,389	2,168	2,205	2,235	2,286	2,251	2,283	2,390	2,500	2,552	2,574	2,636	2,588
Partitions, shelving, cabinet work, fixtures	379	10,132	8,775	9,464	10,170	10,092	9,819	10,037	10,209	10,866	10,800	10,498	10,489	10,361
Chemical industries, i.e., making or using chemicals or employing chem- ical processes (15)	3,213	452,743	439,597	443,086	444,669	443,250	440,216	441,013	444,646	444,764	462,724	476,286	478,059	474,611
Chemical industries other than rubber (11)	2,778	337,373	329,037	331,635	331,724	331,813	329,808	331,251	333,485	331,243	344,154	351,156	352,468	350,702
Paper and paperboard mills	530	101,360	97,196	98,456	98,671	99,474	99,273	99,265	99,337	100,515	102,860	106,249	107,373	107,347
Pulp mills	157	24,301	24,567	23,921	23,489	23,583	23,588	23,535	22,997	23,958	24,516	25,775	25,733	26,039
Rayon and allied products	30	48,332	48,689	49,319	49,058	48,609	47,512	46,843	47,920	41,622	49,565	49,951	50,275	50,621
Drugs and medicines (including drug grinding)	525	19,075	18,470	18,597	18,733	18,721	18,685	18,706	18,609	18,925	19,568	19,992	19,982	19,915
Insecticides and fungicides	219	2,590	2,416	2,501	2,639	2,737	2,740	2,703	2,587	2,589	2,555	2,575	2,521	2,516
Perfumes, cosmetics, and other toilet preparations	216	8,544	8,050	8,097	8,329	8,139	8,024	8,062	8,279	8,657	9,194	9,383	9,372	8,946
Soap and glycerin	153	13,303	12,717	12,893	13,034	12,605	12,435	12,658	13,224	13,729	14,170	14,510	14,090	13,569
Cleaning and polishing preparations; blackings, etc.	256	4,075	3,779	4,019	4,205	4,312	4,300	4,139	3,977	3,863	3,979	4,157	4,093	4,081
Petroleum refining	341	70,934	67,981	68,209	68,489	69,149	69,952	71,136	72,163	72,800	73,059	72,845	73,219	72,202
Leather: Tanned, etc.---contract factories	88	5,087	4,949	5,242	4,996	4,730	4,913	4,985	5,043	5,043	5,043	5,210	5,370	5,343
Leather: Tanned, etc.---regular factories	263	39,772	39,923	40,381	39,582	38,569	39,291	39,407	39,407	39,542	39,645	40,509	40,440	40,123
Rubber industries (4)	435	115,370	110,560	111,451	112,945	111,437	110,408	109,762	111,161	113,521	118,570	125,130	125,591	123,909
Rubber boots and shoes	13	14,861	14,310	14,797	15,169	14,574	14,798	13,887	14,371	14,692	14,848	15,402	15,649	15,832
Tires and inner tubes	53	54,115	52,442	52,144	52,495	52,464	52,188	52,499	53,036	54,231	55,720	58,041	56,934	57,190
Reclaimed rubber	10	1,072	1,010	1,015	1,017	1,080	1,040	1,042	1,068	1,041	1,157	1,178	1,169	1,169
Rubber products not elsewhere classified	359	45,322	42,798	43,495	44,264	43,319	42,382	42,334	42,702	43,530	46,961	50,530	51,830	49,718
Stone, clay, glass industries (18)	1,564	178,096	159,097	160,468	167,598	174,780	175,035	181,419	179,937	182,098	185,134	190,890	192,701	188,024
Cement and lime (2)	354	31,552	25,316	26,414	29,044	31,064	31,926	33,646	33,948	34,062	33,872	34,218	33,485	31,632
Cement	157	23,571	18,318	19,314	21,531	23,116	23,714	25,492	25,904	25,872	25,377	25,705	24,981	23,500
Lime	197	7,981	6,998	7,100	7,513	7,918	8,212	8,154	8,044	8,190	8,495	8,513	8,504	8,132

Structural clay products (7)	879	47,031	39,908	39,487	42,111	44,989	47,048	49,471	49,579	50,055	51,058	51,670	50,592	48,417
Brick and hollow structural tile	539	22,196	17,256	16,680	19,137	21,960	23,862	24,966	24,564	24,866	24,591	24,068	23,029	21,375
Terra cotta	12	1,099	1,085	1,112	1,084	1,042	1,051	1,107	1,136	1,172	1,046	1,128	1,118	1,111
Roofing tile	16	628	566	565	582	620	596	611	659	674	668	669	684	643
Floor and wall tile (except quarry tile)	45	5,350	4,632	4,960	5,055	5,235	5,264	5,398	5,545	5,541	5,703	5,676	5,690	5,499
Sewer pipe and kindred products	60	6,041	5,766	5,650	5,604	5,341	5,562	6,281	6,458	6,444	6,476	6,375	6,320	6,223
Clay refractories, including refractory cement	136	10,257	9,382	9,245	9,246	9,374	9,201	9,562	9,631	9,730	10,978	12,245	12,297	12,201
Clay products (except pottery), n.e.o.	71	1,460	1,221	1,275	1,403	1,417	1,518	1,546	1,586	1,628	1,596	1,509	1,454	1,365
Pottery and porcelain (5)	209	29,556	27,776	28,549	29,222	29,187	28,651	28,705	27,792	28,640	29,477	31,297	32,679	32,697
Vitreous-china plumbing fixtures	25	4,534	4,197	4,208	4,403	4,463	4,381	4,480	4,578	4,617	4,693	4,762	4,780	4,843
Hotel china	14	3,580	3,399	3,400	3,428	3,442	3,476	3,476	3,476	3,518	3,595	3,660	3,660	3,660
Whiteware	24	10,962	10,512	11,022	11,164	11,126	10,771	10,575	9,621	10,171	10,591	11,606	12,297	12,085
Porcelain electrical supplies	35	5,284	4,818	4,895	4,982	4,902	4,887	5,070	5,089	5,233	5,139	5,745	6,198	6,255
Pottery products not elsewhere classified	111	5,196	4,850	5,034	5,273	5,268	5,170	5,104	5,013	5,101	5,259	5,378	5,444	5,454
Glass (3)	185	65,426	62,120	62,087	63,246	65,525	63,676	65,583	64,837	65,567	65,829	67,748	69,642	69,165
Flat glass	33	16,621	16,462	15,838	15,544	16,880	15,313	16,002	16,065	15,803	16,667	17,958	18,448	18,477
Glass containers	69	24,738	22,467	22,584	23,504	24,533	25,263	26,039	26,344	26,286	25,025	25,034	25,083	24,698
Tableware, and glassware not elsewhere classified	83	24,067	23,191	23,665	24,198	24,112	23,100	23,642	22,428	23,478	24,137	24,756	26,111	25,990
Nonclay refractories (1)	37	4,531	3,977	3,931	3,975	4,015	3,734	3,914	3,781	3,774	4,898	5,957	6,303	6,113
Nonferrous metal industries (8)	1,669	122,544	111,010	111,924	114,576	114,600	115,357	115,128	115,984	120,573	127,066	137,367	142,987	142,960
Primary smelting and refining, nonferrous	99	19,334	19,139	18,539	19,277	18,656	18,841	18,658	18,412	18,948	19,337	19,656	20,940	21,602
Secondary smelting and refining, nonferrous, n.e.o.	56	2,769	2,493	2,575	2,729	2,619	2,686	2,663	2,688	2,837	2,847	2,951	3,131	3,004
Aluminum ware, kitchen, hospital, and household (except electrical appliances)	32	6,297	6,064	6,195	6,375	6,486	6,383	6,302	6,214	6,314	6,215	6,164	6,306	6,551
Aluminum products (including rolling and drawing and extruding), not elsewhere classified	95	16,431	13,571	14,130	14,991	15,348	15,542	15,556	15,893	16,316	16,451	18,281	20,201	20,893
Alloying and rolling and drawing of nonferrous metals, except aluminum	113	34,926	31,793	31,844	31,995	31,823	31,874	31,905	32,316	33,252	35,876	40,611	42,936	42,890
Nonferrous metal foundries, except aluminum	349	6,950	5,939	6,180	6,429	6,542	6,697	6,787	6,784	6,870	7,140	7,593	8,111	8,327
Nonferrous metal products not elsewhere classified	248	21,178	19,227	19,423	19,518	19,386	19,333	19,154	19,131	20,643	22,486	24,709	25,781	25,345
Sheet-metal work not specifically classified	737	14,659	12,784	13,038	13,262	13,740	14,001	14,103	14,546	15,393	16,714	17,402	15,581	15,348
Iron and steel and their products, including machinery and motor vehicles (54)	9,945	1,584,062	1,514,839	1,521,586	1,532,028	1,528,018	1,509,310	1,498,501	1,448,323	1,456,144	1,621,830	1,753,134	1,777,589	1,847,432
Iron and steel and their products except machinery and motor vehicles (17)	3,089	663,121	618,987	623,046	625,985	625,371	619,896	622,856	623,623	637,190	677,088	741,345	769,220	772,840
Iron and steel (3)	471	413,541	383,801	386,303	386,593	386,609	382,519	385,394	387,185	391,884	420,231	468,109	489,142	494,326
Blast furnace products	78	18,999	17,277	17,372	17,445	17,176	16,288	17,354	17,755	18,187	20,369	22,985	22,971	22,813
Steel works and rolling mills	241	365,328	340,951	342,607	343,405	342,783	339,440	340,954	342,012	345,866	371,697	411,834	428,887	433,503
Steel castings	152	29,214	25,573	26,324	26,143	26,650	26,791	27,086	27,418	27,831	28,165	33,290	37,284	38,010
Iron foundries (3)	1,035	85,319	80,362	81,759	81,890	82,465	81,772	80,307	80,673	83,199	86,118	92,178	96,151	96,947
Gray-iron and semisteel castings	893	52,488	49,482	50,551	50,568	51,210	50,665	49,543	49,289	51,213	53,501	56,421	58,548	58,860
Malleable-iron castings	75	17,328	16,201	16,307	16,219	15,840	15,367	15,595	15,626	16,078	16,771	17,555	21,535	22,050
Cast-iron pipe and fittings	67	15,503	14,679	14,817	15,015	15,036	15,267	15,397	15,758	15,908	15,846	16,202	16,068	16,037

TABLE 5-A --- NUMBER OF WAGE EARNERS, BY MONTHS, BY INDUSTRIES, FOR SELECTED ESTABLISHMENTS IN 171 INDUSTRIES: 1939---Continued

Industry	Establish- ments	Average number / for year	Number of wage earners engaged in manufacturing receiving pay at any time during the normal pay-roll period ended nearest the 15th day											
			January	February	March	April	May	June	July	August	September	October	November	December
Miscellaneous iron and steel products (7)	1,007	117,903	111,500	111,465	112,195	111,944	111,854	112,941	111,670	115,428	122,122	130,130	132,449	131,137
Wrought pipe, welded and heavily riveted	40	7,984	7,326	7,472	7,634	7,155	7,384	7,197	6,888	7,482	8,557	9,414	9,612	9,689
Cold-rolled steel sheets, strips, and bars	43	5,644	5,367	5,414	5,514	5,428	5,326	5,269	5,327	5,410	5,433	6,048	6,545	6,646
Enamel-iron sanitary ware and other plumbers' supplies (not including pipe and vitreous and enameled vitreous china sanitary ware)	182	23,096	21,806	21,942	21,942	22,196	22,371	22,518	22,963	23,261	23,823	24,673	24,905	24,750
Steel barrels, kegs, and drums	49	5,804	5,340	5,275	4,965	5,191	5,209	5,404	5,174	5,492	5,958	7,067	7,391	7,180
Tin cans, other tinware not elsewhere classified	207	29,605	26,213	26,888	27,662	28,226	28,696	30,215	30,918	32,665	32,294	31,587	30,700	29,198
Wire drawn from purchased rods	85	20,321	20,066	19,619	19,580	19,161	18,894	19,174	19,107	19,497	20,704	22,919	23,876	23,658
Wirework not elsewhere classified	401	25,249	25,382	24,855	24,898	24,567	23,974	23,164	21,293	21,621	25,353	28,422	29,420	30,016
Metal stamping, enameling, japanning (4)	576	46,358	43,324	43,519	44,907	44,353	43,751	44,214	44,095	46,679	48,617	50,928	51,478	50,430
Vitreous enameled products (kitchen utensils, etc.)	45	9,775	8,825	8,947	9,735	9,701	9,562	9,564	9,154	10,165	10,313	10,653	10,679	10,004
Automobile stampings	75	7,895	8,186	7,587	7,733	7,395	6,974	7,005	6,809	7,253	8,219	9,013	9,154	9,408
Stamped and pressed metal products (except automobile stampings)	399	27,024	24,847	25,378	25,712	25,486	25,540	26,019	26,513	27,671	28,385	29,518	29,936	29,285
Enameling, japanning, and lacquering	57	1,664	1,466	1,607	1,727	1,771	1,675	1,626	1,619	1,590	1,700	1,744	1,709	1,733
Electrical machinery (13)	1,315	240,758	218,790	220,260	221,851	220,463	221,941	227,698	230,923	241,250	253,777	274,611	281,078	276,438
Batteries, storage and primary (dry and wet)	125	13,718	12,447	12,565	13,061	12,504	12,444	12,596	13,042	14,184	15,023	16,355	15,798	14,600
Carbon products (electrical), etc.	25	3,171	2,986	3,002	2,988	2,981	2,960	3,013	2,994	3,088	3,065	3,481	3,743	3,757
Insulated wire and cable	64	14,671	13,875	13,851	13,108	12,903	13,028	13,679	13,709	14,299	15,476	17,310	17,770	17,039
Wiring devices and supplies	112	13,775	12,860	12,893	13,121	13,230	13,301	13,128	13,040	13,451	15,476	17,310	17,770	17,039
Electrical measuring instruments	37	6,842	6,265	6,265	6,369	6,481	6,515	6,546	6,687	6,783	7,049	7,459	7,507	7,910
Automotive electrical equipment	60	17,271	17,028	16,916	16,544	16,549	16,538	16,297	15,801	16,564	17,791	18,951	18,056	20,211
Generating, distributing, and industrial apparatus	338	67,078	59,979	60,657	62,590	63,541	63,867	65,010	65,872	66,998	68,871	72,633	76,499	78,419
Electrical appliances	91	19,101	17,482	18,553	19,287	19,271	18,529	18,042	18,551	19,032	19,313	19,744	20,635	20,769
Electric lamps	43	8,224	7,469	7,685	7,989	7,953	7,990	8,002	8,827	8,249	8,662	8,973	9,315	9,375
Radios, radio tubes, and phonographs	121	39,750	35,151	34,684	33,449	32,144	32,757	35,826	37,984	40,308	44,652	50,804	51,643	47,596
Communication equipment	151	31,008	27,670	27,525	27,538	27,141	28,130	29,356	30,452	32,070	33,533	37,307	37,370	33,966
X-ray and therapeutic apparatus, electronic tubes	46	1,837	1,817	1,819	1,802	1,787	1,766	1,772	1,763	1,788	1,864	1,885	1,980	2,006
Electrical products not elsewhere classified	102	4,312	3,763	3,845	4,005	3,978	4,116	4,332	4,187	4,336	4,480	4,758	4,965	4,974

Machinery other than electrical and motor vehicle (22)

Engine (2)	4,717	292,086	264,532	273,868	282,937	287,736	287,636	288,908	289,712	289,561	290,425	304,850	316,960	327,910
Steam engines, turbines, and water wheels	83	18,517	17,348	17,878	18,389	18,831	18,594	17,603	17,952	18,312	18,613	19,358	19,408	19,922
Internal-combustion engines	18	3,902	3,889	3,874	3,830	3,727	3,673	3,634	3,733	3,799	3,953	4,130	4,216	4,370
Machine tools	65	14,615	13,459	14,004	14,559	15,104	14,921	13,969	14,219	14,513	14,660	15,228	15,192	15,552
Metal-working machinery (3)	962	71,797	60,178	61,792	63,342	65,680	68,535	71,114	72,382	73,512	74,410	78,937	83,969	87,702
Machine-tool accessories, metal-cutting and shaping tools, and machinists' precision tools	173	36,016	29,809	30,590	31,473	32,244	33,254	34,386	35,347	36,331	37,764	40,713	43,878	46,383
Metal-working machinery and equipment, n.e.c.	650	20,879	17,322	17,509	17,853	19,186	20,908	22,230	22,469	22,482	21,398	22,206	23,257	23,723
3-31629	139	14,902	13,047	13,693	14,016	14,250	14,373	14,498	14,566	14,699	15,228	16,018	16,834	17,596

Special industrial machinery (7)																										
846	49,105	46,815	47,361	48,083	48,285	48,146	48,565	48,854	49,221	49,093	50,397	51,686	52,761													
99	3,308	3,046	3,122	3,171	3,209	3,170	3,201	3,226	3,298	3,329	3,473	3,617	3,803													
79	4,755	4,509	4,578	4,570	4,521	4,476	4,577	4,576	4,675	4,694	4,989	5,332	5,568													
252	12,561	11,693	12,013	12,456	12,720	12,680	12,700	12,720	12,559	12,568	12,636	12,899	13,085													
55	2,534	2,377	2,444	2,428	2,560	2,588	2,621	2,609	2,575	2,549	2,532	2,565	2,562													
157	11,433	11,273	11,249	11,286	11,063	10,976	11,050	11,162	11,400	11,446	11,821	12,151	12,317													
53	4,830	4,813	4,689	4,578	4,490	4,459	4,364	4,649	4,772	4,880	5,271	5,324	5,474													
151	9,684	9,104	9,266	9,594	9,722	9,797	9,852	9,912	9,942	9,627	9,675	9,768	9,952													
Special industrial machinery, n.e.o.																										
General industrial machinery (10)																										
2,826	192,667	140,191	146,837	153,123	154,940	152,361	151,626	150,524	148,516	148,309	156,158	161,897	167,525													
40	3,537	3,054	3,109	3,200	3,434	3,660	3,775	3,684	3,660	3,658	3,708	3,790	3,749													
39	3,258	2,946	3,012	3,014	3,067	3,124	3,207	3,280	3,362	3,485	3,578	3,533	3,482													
162	28,418	26,919	27,242	27,899	27,473	26,506	26,630	26,866	27,372	28,466	30,534	32,029	33,064													
344	16,953	15,548	15,716	15,859	16,137	16,499	16,778	16,838	16,986	17,403	18,165	18,640	18,872													
1,161	49,292	45,463	46,665	47,488	47,726	47,882	47,680	47,506	48,226	49,488	52,354	54,682	56,348													
706	5,768	5,538	5,555	5,728	5,753	5,717	5,740	5,780	5,794	5,856	5,882	5,968	5,902													
28	2,534	2,131	2,252	2,367	2,637	2,763	2,766	2,693	2,590	2,468	2,585	2,630	2,725													
179	33,089	29,790	34,417	38,628	39,738	37,043	35,127	33,289	29,964	27,313	29,058	30,048	32,655													
123	7,274	6,533	6,508	6,521	6,585	6,736	7,517	8,055	8,190	7,599	7,595	7,680	7,766													
44	2,544	2,269	2,361	2,419	2,390	2,431	2,446	2,513	2,572	2,573	2,699	2,897	2,962													
Cars and trucks, industrial																										
824	388,097	412,530	404,412	401,255	394,448	379,837	359,039	304,059	288,143	400,540	432,328	410,331	470,244													
779	386,879	411,747	403,629	400,298	393,245	378,453	357,600	302,582	286,786	399,293	431,050	408,993	468,874													
45	1,218	783	783	957	1,203	1,364	1,439	1,477	1,557	1,247	1,278	1,338	1,370													
Automobile trailers (for passenger cars)																										
1/ Number of wage earners for each group of industries is the total of the accepted averages for the respective industries covered.																										
2/ Bimodal-census totals for the 171 industries: Establishments, 59,349; wage earners, 4,732,877; wages, \$5,490,828,907.																										
3/ This industry appears out of its proper order in tables 3 and 4, being on pages 48 and 130 in those tables, just following the industry "Plywood mill".																										
3-31629																										

TABLE 5-B --- AGGREGATE MAN-HOURS, BY MONTHS, BY INDUSTRIES, FOR SELECTED ESTABLISHMENTS IN 171 INDUSTRIES: 1939
 [For total numbers of establishments and of wage earners in the respective industries, see footnotes on Table 3]

Industry	Estab-lish-ments	Wage earners (average for year)	Thousands of Man-hours												Total
			Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	
171 Selected Industries 1/	36,337	4,246,118	619,903	606,809	684,797	626,560	648,835	662,426	616,968	698,716	707,205	774,764	773,656	742,853	8,164,483
Food and tobacco industries (13)	3,380	287,980	43,395	42,056	45,600	43,901	47,783	48,346	47,707	52,043	50,372	53,557	53,097	48,135	575,994
Food industries (10)	2,867	206,435	33,113	31,679	33,523	33,068	35,413	35,549	36,214	38,264	37,641	40,087	40,512	37,458	432,511
Flour and other grain-mill products	833	19,298	3,351	3,197	3,448	3,448	3,528	3,671	3,728	3,883	3,995	3,743	3,572	3,509	43,180
Feeds, prepared, for animals and fowls	576	11,693	1,857	1,784	2,047	1,990	2,098	2,131	2,160	2,134	2,037	2,184	2,037	2,008	24,446
Cereal preparations	51	7,355	1,125	1,037	1,170	1,198	1,247	1,276	1,271	1,306	1,515	1,216	945	996	14,303
Blended and prepared flour	40	412	62	61	67	64	67	68	66	71	76	72	65	65	804
Custom slaughtering, wholesale	32	589	100	97	97	95	98	100	102	98	106	101	100	97	1,190
Meat packing, wholesale	737	108,647	18,514	18,153	17,679	17,504	19,479	18,700	19,209	20,193	19,294	19,435	20,835	20,374	229,371
Sugar, beet	76	9,329	888	533	582	595	666	694	768	1,482	1,959	5,245	5,185	2,589	21,187
Sugar refining, cane	27	14,133	1,976	1,710	2,531	2,388	2,035	2,212	2,391	2,393	2,245	2,333	2,015	2,075	26,304
Liquors, distilled	65	3,705	628	603	712	644	630	558	500	507	563	684	744	721	7,494
Liquors, malt	430	31,264	4,613	4,504	5,086	5,132	5,564	6,076	6,047	6,171	5,704	5,221	5,044	5,069	64,232
Tobacco industries (3)	513	81,565	10,281	10,377	12,077	10,843	12,370	12,798	11,434	13,780	12,732	13,470	12,585	10,676	143,483
Cigars	388	45,355	4,973	5,637	6,652	6,086	6,789	7,240	6,351	7,319	7,160	7,630	7,308	5,491	78,637
Cigarettes	35	27,426	4,051	3,546	4,066	3,544	4,210	4,195	3,934	5,005	4,292	4,427	3,937	3,968	49,174
Tobacco (chewing and smoking) and snuff	90	8,784	1,258	1,194	1,359	1,213	1,371	1,362	1,209	1,456	1,280	1,413	1,340	1,217	15,672
Textile mills and apparel (48)	6,818	1,175,104	172,529	175,303	193,490	170,737	173,922	176,625	167,082	189,649	188,133	197,890	197,966	184,138	2,187,465
Textile mill products (35)	4,382	921,682	139,749	139,735	152,941	134,523	138,362	140,075	132,141	149,525	148,236	157,744	160,178	148,439	1,741,649
Cotton manufactures (8)	1,357	427,143	65,496	64,235	71,340	64,022	65,484	64,865	60,547	68,560	69,391	73,851	75,456	71,126	814,373
Cotton yarn	281	62,270	9,152	9,003	9,996	8,981	9,326	9,178	8,673	9,651	9,999	10,714	11,376	10,541	116,590
Cotton thread	50	12,635	1,892	1,977	2,348	1,965	1,900	1,874	1,629	1,825	1,937	2,061	2,115	2,011	23,534
Cotton broad woven goods	576	297,778	45,636	44,274	48,970	44,086	45,581	45,341	42,373	48,059	47,991	51,211	52,016	48,965	564,502
Cotton narrow fabrics	118	10,957	1,706	1,743	1,925	1,705	1,707	1,679	1,571	1,770	1,894	1,967	1,985	1,966	21,620
Dyeing and finishing of cotton textiles	186	37,188	6,134	6,265	7,084	6,332	6,025	5,880	5,438	6,277	6,437	6,651	6,775	6,466	75,763
Shade cloth, special finishing of cotton fabric	28	1,008	162	165	185	164	181	175	160	190	174	196	191	170	2,113
Batting, padding, wadding; upholstery filling	79	3,785	578	583	603	569	540	527	481	553	706	762	718	731	7,350
Processed cotton waste---regular factories	39	1,522	236	225	228	221	223	211	222	235	253	290	280	276	2,901
Wool manufactures (9)	813	175,639	27,132	26,668	27,909	22,234	24,882	27,496	25,487	28,755	26,961	29,951	31,883	29,297	328,655
Woolen and worsted manufactures:															
Contract factories	57	5,301	847	808	858	687	761	851	915	855	924	935	935	868	10,243
Regular factories	508	133,911	21,032	20,435	20,718	16,405	19,032	21,297	19,963	21,835	20,261	22,492	24,165	22,583	250,217
Dyeing and finishing of woolen and worsted	47	2,371	352	376	382	343	344	339	371	422	415	459	418	374	4,596
Sponging of woolen and worsted	43	739	110	125	130	102	104	111	123	131	117	119	114	121	1,408
Processed waste and recovered fibers---contract factories	24	573	103	103	85	69	80	85	90	96	118	123	111	90	1,152
Recovered wool fibers---regular factories	50	2,201	339	323	320	283	319	361	353	352	422	472	464	405	4,411
Felt goods (except woven felts and hats)	37	3,346	513	518	574	501	521	522	484	584	590	721	686	618	6,832
Woolen and worsted carpet yarn	10	2,675	358	384	484	362	353	444	348	509	403	467	551	476	5,138
Wool carpets and rugs	37	24,522	3,479	3,597	4,358	3,482	3,369	3,487	2,838	3,971	3,712	4,165	4,438	3,763	44,658

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Rayon manufactures (6)	511	88,655	13,901	14,044	15,327	13,398	13,418	13,346	13,272	14,888	14,804	15,159	15,062	14,680	171,298
Rayon throwing and spinning---contract factories	26	2,173	359	347	355	327	252	227	319	380	362	362	325	328	3,943
Rayon yarn and thread---regular factories	43	5,638	945	944	879	711	645	704	846	1,012	940	984	991	860	10,460
Rayon broad woven goods:															
Contract factories	62	3,656	515	522	596	586	562	543	512	547	576	613	625	604	6,801
Regular factories	146	55,850	8,769	8,713	9,769	8,430	8,519	8,575	8,580	9,537	9,407	9,516	9,783	9,284	108,882
Rayon narrow fabrics	73	4,632	615	721	779	735	729	722	717	760	837	858	860	785	9,118
Dyeing and finishing of rayon and silk textiles	161	16,706	2,698	2,797	2,949	2,609	2,711	2,575	2,298	2,653	2,682	2,825	2,477	2,820	32,095
Silk manufactures (5)	265	31,660	4,906	5,007	5,398	4,891	4,489	4,274	4,169	4,814	4,698	5,272	5,284	4,597	57,799
Silk throwing and spinning---contract factories	62	10,532	1,548	1,638	1,743	1,581	1,355	1,228	1,272	1,506	1,520	1,724	1,656	1,361	18,133
Silk yarn and thread---regular factories	46	8,908	1,477	1,456	1,596	1,407	1,309	1,306	1,228	1,388	1,330	1,490	1,486	1,280	16,753
Silk broad woven goods:															
Contract factories	25	800	143	140	134	130	108	97	87	94	116	134	144	142	1,473
Regular factories	59	7,475	1,180	1,187	1,254	1,158	1,099	1,013	976	1,151	1,086	1,244	1,326	1,172	13,845
Silk narrow fabrics	73	3,945	558	586	670	616	618	631	606	669	646	679	672	642	7,595
Knit goods (7)	1,436	198,585	28,113	29,781	32,968	29,977	30,088	30,094	28,667	32,508	32,181	33,512	32,494	28,740	369,523
Hosiery, full-fashioned	337	84,361	12,738	13,169	14,750	12,962	12,665	12,160	11,225	13,556	13,389	13,962	13,359	11,527	155,461
Hosiery, seamless	319	49,362	7,348	7,535	8,156	7,570	7,828	7,657	7,354	7,550	7,540	7,827	7,940	7,551	92,051
Knitted cloth	134	9,135	1,248	1,314	1,453	1,386	1,362	1,456	1,508	1,600	1,645	1,723	1,714	1,571	17,981
Knitted gloves	17	3,692	374	461	541	545	534	573	548	619	604	667	667	638	6,769
Knitted outerwear (except knitted gloves):															
Contract factories	166	3,238	362	440	450	371	384	452	528	589	673	646	524	345	5,764
Regular factories	306	15,378	1,972	2,289	2,448	2,120	2,224	2,286	2,434	2,855	2,910	2,939	2,529	1,972	28,976
Knitted underwear	157	33,419	4,272	4,373	5,170	5,023	5,092	5,511	5,070	5,554	5,610	5,747	5,760	5,136	62,520
Apparel (men's clothing) (13)	2,436	253,422	32,780	35,568	40,548	36,214	35,560	36,550	34,941	40,124	39,898	40,146	37,788	35,699	445,816
Work clothing (except work shirts) and sport garments (except leather)	459	46,224	5,718	6,109	6,809	6,566	7,132	7,272	7,053	7,793	7,568	7,795	7,211	6,231	83,255
Trousers (sealdresses), wash suits, and washable service apparel	169	13,900	1,841	1,862	2,182	2,150	2,274	2,280	2,073	2,184	2,164	2,095	1,884	1,883	24,971
Leather and sheep-lined clothing	61	3,541	311	317	405	450	493	558	643	733	714	785	722	511	6,643
Raincoats and other waterproof garments (except oiled cotton)	35	1,792	166	198	249	242	257	251	284	300	335	348	280	188	3,098
Work shirts	71	12,336	1,539	1,741	1,979	1,809	1,905	2,051	1,842	2,122	1,974	2,085	1,888	1,478	22,415
Men's and boys' shirts (except work shirts), collars, and nightwear:															
Contract factories	106	10,520	1,227	1,354	1,541	1,487	1,515	1,529	1,371	1,524	1,656	1,690	1,653	1,478	18,026
Regular factories	243	45,895	6,324	6,726	7,621	6,924	6,748	6,651	5,797	7,203	7,389	7,619	7,536	6,944	83,482
Men's and boys' underwear---contract factories	10	1,211	192	183	200	192	194	185	178	184	195	235	230	211	2,378
Men's and boys' underwear---regular factories	36	4,850	643	683	794	707	745	753	706	677	650	774	818	746	8,696
Men's neckwear---contract factories	20	681	59	71	83	64	61	67	74	97	104	124	132	93	1,028
Men's neckwear---regular factories	185	6,568	868	1,005	1,069	910	897	899	782	979	1,027	1,160	1,188	1,077	11,863
Men's and boys' suits, coats, and overcoats (except work clothing):															
Contract factories	653	34,392	4,348	4,993	5,813	4,728	3,819	3,574	3,967	5,227	5,413	5,076	4,324	4,502	55,784
Regular factories	388	71,512	9,544	10,227	11,804	9,983	9,521	10,481	10,171	11,100	10,709	10,358	9,922	10,357	124,177
Forest products (15)	9,648	445,589	63,643	62,123	69,206	67,473	73,288	75,074	72,647	80,009	79,227	83,472	80,999	73,943	881,105
Lumber and timber basic products (4)	6,904	288,181	40,867	38,659	43,343	43,428	48,218	49,376	47,505	52,101	50,924	53,430	51,476	46,475	565,803
Logging camps and contract mills (not with sawmills)	525	16,796	1,797	1,461	1,678	1,950	2,710	2,982	2,722	2,964	2,836	3,140	3,261	2,619	30,107
Sawmills, veneer mills, and cooperage-stock mills, including those combined with logging camps and with planing mills	4,535	214,599	30,535	28,827	32,438	32,612	35,931	36,295	35,056	38,442	37,582	39,420	37,522	33,849	418,509
Planing mills not with sawmills	1,771	48,000	7,208	7,072	7,772	7,473	8,107	8,587	8,252	9,070	8,917	9,150	8,949	8,353	98,909
Plywood mills	73	8,786	1,327	1,299	1,455	1,394	1,469	1,512	1,475	1,625	1,599	1,721	1,745	1,655	18,277

TABLE 5-B --- AGGREGATE MAN-HOURS, BY MONTHS, BY INDUSTRIES, FOR SELECTED ESTABLISHMENTS IN 171 INDUSTRIES: 1939---Continued

Industry	Estab-lish-ments	Wage earners (average for year)	Thousands of Man-hours												Dec.	Total
			Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.			
Wooden containers (4)	611	31,000	4,058	4,194	4,892	4,648	5,210	5,372	5,094	5,446	5,443	5,684	5,177	4,710	59,928	
Baskets for fruits and vegetables	110	6,822	686	788	978	1,001	1,192	1,253	1,354	1,365	1,376	1,263	828	776	12,810	
Rattan and willowware (except furniture) and baskets other than vegetable and fruit baskets	31	1,212	160	183	185	189	205	204	207	215	222	223	212	212	2,417	
Cigar boxes, wooden or part wooden	47	2,559	305	330	374	338	365	395	375	440	421	430	442	327	4,543	
Wooden boxes except cigar boxes	423	20,407	2,907	2,894	3,354	3,119	3,448	3,520	3,157	3,425	3,424	3,769	3,695	3,445	40,157	
Furniture(7)	2,133	126,408	18,717	19,270	20,971	19,397	19,860	20,327	20,048	22,462	22,859	24,359	24,345	22,758	255,374	
Venetian blinds 2/.	86	2,655	366	381	420	454	506	526	482	480	480	522	520	492	5,630	
Upholstered household furniture	510	23,103	3,313	3,543	3,896	3,531	3,508	3,507	3,502	3,884	3,943	4,189	4,247	4,067	45,130	
Household furniture except upholstered	932	72,411	10,925	11,042	11,732	10,928	11,255	11,497	11,675	12,972	13,301	14,406	14,323	13,115	147,170	
Office furniture	99	10,555	1,703	1,704	1,892	1,712	1,746	1,809	1,616	1,796	1,849	1,987	2,008	2,003	21,825	
Public-building furniture	76	5,163	759	766	911	806	819	882	774	952	1,039	1,019	1,041	963	10,731	
Laboratory, hospital, professional furniture	51	2,389	352	350	388	375	396	396	382	460	448	461	452	440	4,899	
Partitions, shelving, cabinet work, fixtures	379	10,132	1,301	1,484	1,732	1,591	1,629	1,710	1,617	1,918	1,800	1,774	1,755	1,678	19,989	
Chemical industries, i.e., making or using chemicals, or employing chemical processes (15)	3,213	452,743	70,303	68,088	76,053	70,490	71,915	72,764	69,064	76,378	76,034	82,123	80,355	77,628	891,199	
Chemical industries other than rubber (11)	2,778	337,373	53,867	51,880	57,707	53,759	55,052	55,437	53,551	57,318	57,420	61,289	60,158	58,848	676,286	
Paper and paperboard mills	530	101,360	16,242	16,085	17,938	17,052	17,252	17,288	16,452	18,298	18,532	19,962	19,825	18,864	213,801	
Pulp mills	157	24,301	4,001	3,736	4,016	3,982	3,982	3,888	3,719	4,105	4,313	4,657	4,676	4,612	49,647	
Rayon and allied products	30	48,332	7,736	7,336	8,217	7,391	7,235	7,513	7,528	7,007	7,534	8,277	8,020	8,199	91,943	
Drugs and medicines (including drug grinding)	525	19,075	3,114	3,009	3,344	3,105	3,246	3,269	3,006	3,299	3,338	3,527	3,448	3,358	39,063	
Insecticides and fungicides	219	2,590	402	392	471	461	478	465	434	444	428	439	427	425	5,267	
Perfumes, cosmetics, and other toilet preparations	216	8,544	1,289	1,291	1,476	1,270	1,340	1,329	1,298	1,470	1,579	1,664	1,627	1,434	17,068	
Soap and glycerin	153	13,307	2,055	2,006	2,306	1,992	2,111	2,143	2,001	2,415	2,321	2,492	2,335	2,148	26,325	
Cleaning and polishing preparations; blackings, etc.	236	4,075	636	643	765	713	747	694	610	659	667	713	683	653	8,183	
Petroleum refining	341	70,934	11,091	10,199	11,473	10,762	11,607	11,509	11,460	12,030	11,412	11,964	11,675	11,637	136,819	
Leather: Tanned, etc.--contract factories	88	5,087	810	836	893	789	763	820	730	818	805	822	867	888	9,841	
Leather: Tanned, etc.--regular factories	263	39,772	6,490	6,346	6,809	6,269	6,341	6,519	6,314	6,774	6,490	6,771	6,574	6,630	78,329	
Rubber industries (4)	435	115,370	16,441	16,208	18,346	16,721	16,863	17,327	15,513	19,059	18,614	20,834	20,197	18,779	214,913	
Rubber boots and shoes	13	14,861	1,973	2,086	2,414	2,115	2,109	2,091	1,686	2,408	2,264	2,488	2,497	2,389	26,520	
Tires and inner tubes	53	54,115	7,437	7,096	8,162	7,466	7,588	7,964	7,289	8,825	8,263	9,184	8,736	8,214	96,225	
Reclaimed rubber	10	1,072	164	171	170	192	174	177	153	185	177	227	213	213	2,220	
Rubber products not elsewhere classified	359	45,322	6,867	6,856	7,600	6,558	6,572	7,094	6,380	7,642	7,910	8,935	8,751	7,964	89,948	
Stone, clay, glass industries (18)	1,664	178,096	24,467	23,699	27,509	27,019	28,364	29,523	28,101	30,398	29,856	32,283	31,184	29,650	342,054	
Cement and lime (2)	354	31,552	3,873	3,877	4,881	5,163	5,451	5,739	5,667	5,912	5,649	5,981	5,578	5,118	62,890	
Cement	157	23,571	2,733	2,775	3,378	3,805	3,993	4,310	4,304	4,452	4,171	4,459	4,107	3,790	46,417	
Lime	197	7,981	1,141	1,102	1,303	1,359	1,458	1,429	1,363	1,459	1,477	1,522	1,471	1,388	16,473	

Structural clay products (7)	879	47,031	6,260	5,898	6,903	7,128	7,873	8,393	8,185	8,685	8,512	8,867	8,319	7,622	92,645
Brick and hollow structural tile	339	22,196	2,729	2,553	3,233	3,660	4,152	4,419	4,210	4,447	4,183	4,125	3,828	3,409	44,948
Terra cotta	12	1,099	187	177	207	186	191	201	196	204	183	207	195	182	2,316
Roofing tile	16	628	88	84	76	95	99	104	111	113	108	115	111	100	1,205
Floor and wall tile (except quarry tile)	45	5,350	812	801	894	916	910	962	985	1,034	1,019	1,000	962	882	11,178
Sewer pipe and kindred products	60	6,041	916	897	924	779	922	1,082	1,069	1,090	1,064	1,052	1,017	972	11,743
Clay refractories, including refractory cement	136	10,257	1,335	1,225	1,325	1,261	1,341	1,363	1,343	1,511	1,680	2,099	1,963	1,851	18,298
Clay products (except pottery), n.e.o.	71	1,460	193	202	243	230	258	262	272	286	274	269	243	226	2,957
Pottery and porcelain (5)	209	29,556	4,446	4,485	4,982	4,649	4,754	4,718	4,381	4,838	4,811	5,328	5,544	5,353	58,288
Vitreous-china plumbing fixtures	25	4,534	676	652	775	721	735	772	736	815	788	794	808	823	9,094
Hotel china	14	3,580	492	502	542	524	533	567	519	586	550	612	666	638	6,732
White ware	24	10,962	1,705	1,756	1,854	1,757	1,736	1,673	1,507	1,651	1,704	1,951	2,027	1,942	21,265
Porcelain electrical supplies	35	5,284	770	755	861	752	830	856	810	895	881	1,016	1,072	1,035	10,533
Pottery products not elsewhere classified	111	5,156	803	819	950	895	919	850	809	892	888	955	971	914	10,664
Glass (3)	185	65,426	9,342	8,959	10,152	9,552	9,794	10,129	9,397	10,426	10,166	11,107	10,767	10,624	120,416
Flat glass	33	16,621	2,478	2,123	2,361	2,097	1,978	2,125	1,996	2,332	2,464	2,869	2,773	2,765	28,201
Glass containers	69	24,738	3,490	3,407	3,912	3,939	4,233	4,357	4,318	4,429	4,029	4,281	3,998	3,836	48,229
Tableware, and glassware not elsewhere classified	83	24,067	3,573	3,428	3,879	3,576	3,583	3,647	3,083	3,665	3,673	3,957	3,996	4,023	43,886
Nonclay refractories (1)	37	4,531	546	480	592	527	492	544	470	538	718	1,000	975	933	7,815
Nonferrous metal industries (8)	1,669	122,544	18,325	17,876	20,625	18,933	19,866	20,313	18,942	21,795	21,925	25,028	25,617	24,832	254,076
Primary smelting and refining, nonferrous	39	19,334	3,252	3,008	3,334	3,127	3,284	3,154	3,112	3,267	3,284	3,475	3,612	3,808	39,716
Secondary smelting and refining, nonferrous, n.e.o.	56	2,769	395	404	450	432	453	441	437	492	477	526	517	518	5,544
Aluminum ware, kitchen, hospital, and household (except electrical appliances)	32	6,297	1,055	1,042	1,206	1,062	1,100	1,107	951	1,168	1,055	1,116	1,142	1,074	13,079
Aluminum products (including rolling and drawing and extruding), not elsewhere classified	95	16,431	2,216	2,180	2,707	2,594	2,734	2,730	2,579	2,910	2,625	3,279	3,516	3,520	33,591
Alloying and rolling and drawing of nonferrous metals, except aluminum	113	34,926	5,284	5,120	5,916	5,148	5,485	5,847	5,297	6,201	6,520	7,830	8,031	7,532	74,442
Nonferrous metal foundries, except aluminum	349	6,950	909	938	1,113	1,024	1,076	1,118	1,048	1,188	1,187	1,343	1,430	1,418	13,791
Nonferrous metal products not elsewhere classified	248	21,178	3,167	3,126	3,522	3,262	3,276	3,440	3,121	3,818	3,950	4,529	4,629	4,363	44,202
Sheet metal work not specifically classified	737	14,659	2,047	2,057	2,378	2,283	2,459	2,476	2,398	2,751	2,866	2,931	2,739	2,598	29,942
Iron and steel and their products, including machinery and motor vehicles (54)	9,945	1,584,062	227,236	217,663	252,314	228,007	233,698	239,770	213,425	248,443	261,659	300,410	304,438	305,527	3,032,590
Iron and steel and their products, except machinery and motor vehicles (17)	3,089	663,121	91,662	87,955	100,499	90,887	94,678	95,739	90,569	105,434	108,430	128,567	131,504	126,841	1,252,766
Iron and steel (3)	471	413,511	55,792	52,886	60,293	54,235	56,512	57,238	54,652	63,694	66,206	81,444	84,127	81,722	768,800
Blast furnace products	78	18,999	2,687	2,492	2,787	2,590	2,494	2,709	2,834	3,132	3,429	4,180	4,044	3,997	37,376
Steel works and rolling mills	241	365,328	49,300	46,664	53,196	47,758	49,807	50,145	47,983	56,006	58,450	71,267	73,443	71,423	675,440
Steel castings	152	29,214	3,805	3,730	4,310	3,887	4,210	4,384	3,635	4,557	4,327	5,998	6,640	6,302	55,985
Iron foundries (3)	1,035	85,319	11,848	11,893	13,554	12,401	12,896	12,753	12,031	13,810	13,872	15,788	16,265	17,817	162,928
Gray-iron and semisteel castings	893	52,438	7,306	7,378	8,434	7,715	7,885	7,777	7,250	8,369	8,636	9,714	9,888	9,877	100,208
Malleable-iron castings	75	17,328	2,371	2,379	2,683	2,362	2,425	2,337	2,262	2,704	2,731	3,308	3,682	3,589	32,834
Cast-iron pipe and fittings	67	15,503	2,171	2,136	2,457	2,324	2,586	2,639	2,518	2,738	2,505	2,767	2,695	2,351	29,887

TABLE 5-B --- AGGREGATE MAN-HOURS, BY MONTHS, BY INDUSTRIES, FOR SELECTED ESTABLISHMENTS IN 171 INDUSTRIES: 1939---Continued

Industry	Estab-lish-ments	Wage earners (average for year)	Thousands of Man-hours												
			Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Total
Miscellaneous iron and steel products (7)	1,007	117,903	17,227	16,457	18,889	17,267	18,140	18,536	17,041	19,836	20,336	22,556	22,467	21,116	229,869
Wrought pipe, welded and heavily riveted	40	7,984	1,099	1,014	1,196	1,057	1,121	1,098	1,016	1,232	1,409	1,610	1,604	1,515	14,969
Cold-rolled steel sheets, strips, and bars	43	5,644	849	810	940	811	852	832	783	937	947	1,129	1,251	1,197	11,338
Enamel-iron sanitary ware and other plumbers' supplies (not including pipe and vitreous and semivitreous china sanitary ware)	182	23,096	3,344	3,292	3,655	3,452	3,679	3,806	3,525	4,083	3,991	4,272	4,223	3,982	45,303
Steel barrels, kegs, and drums	49	5,804	778	697	785	802	849	867	768	886	945	1,120	1,224	1,120	10,976
Tin cans, other tinware not elsewhere classified	207	29,605	4,099	3,958	4,814	4,365	4,836	5,044	4,797	5,688	5,283	5,438	4,954	4,388	57,667
Wire drawn from purchased rods	85	20,521	3,095	2,937	3,277	2,922	3,001	3,097	2,933	3,375	3,554	4,045	4,194	4,014	40,443
Wirework not elsewhere classified	401	25,249	3,963	3,750	4,223	3,859	3,801	3,791	3,219	3,634	4,207	4,839	4,986	4,901	49,173
Metal stamping, enameling, japanning (4)	576	46,358	6,794	6,719	7,763	6,985	7,130	7,213	6,846	8,093	8,015	8,778	8,646	8,186	91,168
Vitreous enameled products (kitchen utensils, etc.)	45	9,775	1,295	1,384	1,688	1,454	1,421	1,409	1,333	1,664	1,610	1,782	1,722	1,509	18,271
Automobile stampings	75	7,895	1,270	1,134	1,265	1,140	1,046	1,088	1,064	1,272	1,413	1,539	1,525	1,598	15,353
Stamped and pressed metal products (except automobile stampings)	399	27,024	4,014	3,964	4,525	4,089	4,398	4,453	4,206	4,917	4,740	5,163	5,108	4,802	54,379
Enameling, japanning, and lacquering	57	1,664	215	238	286	301	265	763	243	239	253	296	290	277	3,165
Electrical machinery (13)	1,315	240,758	33,823	33,047	38,921	34,646	36,265	39,195	34,480	41,162	42,910	48,194	48,325	45,599	476,567
Batteries, storage and primary (dry and wet)	125	13,718	1,963	1,902	2,189	1,994	2,008	2,048	2,111	2,512	2,782	3,100	2,635	2,404	27,677
Carbon products (electrical), etc.	25	3,171	483	463	521	466	508	504	479	547	524	637	662	655	6,448
Insulated wire and cable	64	14,671	2,120	2,023	2,288	1,945	2,006	2,342	1,998	2,491	2,548	2,956	3,181	2,776	28,675
Wiring devices and supplies	112	13,775	2,160	2,076	2,386	2,175	2,262	2,257	2,068	2,344	2,380	2,736	2,706	2,638	28,190
Electrical measuring instruments	37	6,842	959	971	1,189	1,022	1,087	1,204	1,058	1,087	1,221	1,272	1,365	1,361	13,821
Automotive electrical equipment	60	17,271	2,781	2,598	2,824	2,399	2,585	2,503	2,300	2,739	2,844	3,194	3,069	3,265	33,101
Generating, distributing, and industrial apparatus	338	67,078	8,928	8,761	10,889	10,030	10,588	11,340	10,273	11,143	11,316	12,435	13,011	13,589	132,304
Electrical appliances	91	19,101	2,679	2,867	3,532	3,012	2,911	3,080	2,679	3,145	3,173	3,314	3,534	3,464	37,391
Electric lamps	43	8,224	1,179	1,139	1,395	1,205	1,346	1,322	770	1,445	1,348	1,512	1,529	1,476	15,668
Radios, radio tubes, and phonographs	121	39,750	5,463	5,202	5,702	5,176	5,364	6,276	5,794	7,228	7,598	9,235	9,272	6,982	79,292
Communication equipment	151	31,008	4,213	4,150	4,965	4,245	4,576	5,260	4,014	5,405	6,114	6,626	6,116	5,773	61,455
X-ray and therapeutic apparatus, electronic tubes	46	1,837	298	290	347	306	303	321	284	312	320	340	355	353	3,831
Electrical products not elsewhere classified	102	4,312	594	605	694	670	721	736	622	763	743	837	871	860	8,715

Machinery other than electrical and motor vehicle (22)

Engines (2)	83	18,517	2,753	2,759	3,291	3,055	3,225	3,089	2,922	3,239	3,089	3,338	3,404	3,367	37,532
Steam engines, turbines, and water wheels	18	3,902	534	537	605	530	585	573	539	624	618	635	713	701	7,197
Internal-combustion engines	65	14,615	2,219	2,221	2,686	2,525	2,640	2,516	2,382	2,615	2,470	2,703	2,690	2,666	30,335
Metal-working machinery (3)	962	71,797	9,788	9,967	11,810	11,307	12,431	13,316	12,403	14,023	13,532	15,087	16,398	16,793	156,834
Machine tools	173	36,016	4,843	5,018	6,037	5,660	6,180	6,587	6,056	7,057	7,089	8,051	9,104	9,111	80,794
Machine-tool accessories, metal-cutting and shaping tools, and machinists' precision tools	650	20,879	2,786	2,766	3,158	3,248	3,692	4,087	3,964	4,237	3,779	4,056	4,231	4,401	44,405
Metal-working machinery and equipment, n.e.c.	139	14,902	2,159	2,182	2,615	2,399	2,558	2,642	2,382	2,729	2,664	2,960	3,063	3,281	31,635

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TABLE 5-C --- AGGREGATES FOR "DOLLAR" ITEMS, ELECTRIC ENERGY CONSUMED, AND HORSEPOWER OF USED EQUIPMENT, BY INDUSTRIES, FOR SELECTED ESTABLISHMENTS IN 171 INDUSTRIES: 1939
 [For total numbers of establishments and of wage earners in the respective industries, see footnotes on Table 3]

Industry	Estab-lish-ments	Wage earners (average for year)	Man-hours	Wages	Salaries	Cost of materials	Value of products	Value added	Value of products minus prime cost	Electric energy used, kWh	Horse-power
171 Selected industries 1/	36,337	4,246,118	8,164,482,854	\$5,093,113,313	\$1,153,518,100	\$19,003,306,290	\$31,659,561,788	\$12,656,255,498	\$6,469,624,085	49,099,020,879	32,507,056
Food and tobacco industries (13)	3,380	287,980	575,993,562	346,800,175	89,652,122	4,273,605,246	5,701,550,847	1,427,945,601	991,493,304	2,445,742,838	1,939,006
Food industries (10)	2,867	206,415	432,510,900	282,050,445	78,923,353	3,310,512,566	4,398,460,290	1,087,947,724	726,973,926	2,304,084,864	1,851,147
Flour and other grain-mill products	833	19,698	43,179,796	23,775,828	9,921,203	429,429,116	550,713,070	121,283,954	87,586,923	603,066,086	394,264
Feeds, prepared, for animals and fowls	576	11,283	24,439,708	12,439,708	5,928,798	244,972,845	320,531,544	75,558,699	57,190,193	153,367,861	196,806
Cereal preparations	51	7,355	14,303,401	9,796,400	2,732,070	57,271,969	127,193,702	69,921,733	57,393,263	117,013,145	75,991
Blended and prepared flour	40	803,527	803,527	305,006	268,783	7,015,037	8,191,224	1,936,187	1,362,398	1,080,719	2,442
Custom slaughtering, wholesale	32	589	1,189,955	629,672	192,954	461,085	1,778,495	1,317,410	454,784	5,653,311	5,049
Meat packing, wholesale	737	108,647	229,370,797	148,829,737	34,639,764	1,991,939,350	2,367,864,714	375,925,364	192,455,863	728,593,194	563,055
Sugar, beet	76	9,329	21,186,900	11,150,340	2,772,178	78,650,138	124,993,864	46,343,726	32,421,208	139,773,750	195,074
Sugar refining, cane	27	14,133	26,303,921	16,196,690	3,820,757	333,876,627	389,869,764	55,993,137	35,975,600	201,589,244	92,783
Liquore, distilled	65	3,705	7,494,317	4,537,034	1,914,838	24,909,246	50,014,024	25,104,778	18,652,906	55,382,830	57,057
Liquore, malt	430	31,264	64,232,249	54,390,030	16,732,008	141,987,153	456,549,889	314,562,736	243,440,698	298,564,724	268,696
Tobacco industries (3)	513	81,565	143,482,662	64,749,730	10,728,769	963,092,680	1,303,090,557	339,997,877	264,519,378	111,657,974	87,859
Cigare	388	45,355	78,636,711	30,696,625	4,547,603	71,472,811	143,606,390	72,133,579	36,889,351	26,380,910	17,770
Cigarettes	35	27,426	49,173,992	26,067,632	3,729,394	811,068,315	1,037,747,517	226,679,202	196,882,176	70,913,888	50,692
Tobacco (chewing and smoking) and snuff	90	8,784	15,671,959	7,985,473	2,451,772	80,551,554	121,736,650	41,185,096	30,747,851	14,363,176	19,397
Textile mills and apparel (48)	6,818	1,175,104	2,187,464,836	971,444,439	147,565,912	2,124,016,170	3,992,975,350	1,868,959,180	749,948,829	6,244,291,827	3,142,378
Textile mill products (35)	4,382	921,682	1,741,648,743	767,360,017	119,957,928	1,730,940,543	3,231,787,690	1,500,847,147	613,529,202	6,140,239,531	3,063,077
Cotton manufactures (8)	1,357	427,143	814,372,555	319,696,402	43,883,532	686,126,858	1,329,271,664	643,144,806	279,564,872	4,447,765,455	2,013,293
Cotton yarn	281	62,270	116,589,600	40,627,449	4,534,334	100,693,298	175,313,024	74,619,726	29,457,943	732,247,908	311,472
Cotton thread	50	12,635	23,533,992	10,121,951	2,178,481	24,398,355	47,125,713	22,727,358	10,426,926	98,688,942	59,380
Cotton broad woven goods	576	297,778	564,520,330	215,760,937	21,520,051	410,021,726	832,352,257	422,330,531	185,049,543	3,300,799,838	1,427,991
Cotton narrow fabrics	118	10,957	25,763,072	9,676,472	2,549,328	18,700,892	39,960,326	21,259,434	9,033,609	27,345,643	22,317
Dyeing and finishing of cotton textiles	186	37,188	75,763,072	37,705,908	10,798,086	104,903,730	186,451,723	81,547,993	33,043,999	227,888,894	158,512
Shade cloth, special finishing of cotton fabric	28	1,008	2,112,635	1,220,972	377,604	4,857,486	10,876,112	6,018,626	4,420,050	5,262,401	5,940
Betting, padding, wadding; upholstery filling	79	3,785	7,350,096	3,575,187	1,349,083	14,482,022	26,047,443	11,565,421	6,641,151	21,053,103	20,224
Processed cotton waste---regular factories	39	1,522	2,900,522	1,007,526	576,534	8,069,349	11,145,066	3,075,717	1,491,657	4,478,726	7,457
Wool manufactures (9)	813	175,639	328,655,007	175,510,394	32,354,776	506,195,413	878,273,411	372,077,998	164,212,828	761,061,769	574,515
Woolen and worsted manufactures:											
Contract factories	57	5,301	10,243,469	5,247,106	1,081,925	1,771,133	11,215,708	9,444,575	3,115,544	24,108,636	14,619
Regular factories	508	133,911	250,216,551	128,181,016	21,840,564	402,628,363	655,581,222	252,952,859	102,931,279	588,935,924	438,598
Dyeing and finishing of woolen and worsted	47	2,371	4,595,899	2,439,601	1,073,994	9,820,137	15,620,341	5,800,204	2,286,609	8,871,968	9,683
Sponging of woolen and worsted	43	739	1,407,575	1,279,426	426,205	317,761	3,631,277	3,313,516	1,607,899	951,065	1,313
Processed waste and recovered fibers---contract factories	24	573	1,151,893	516,800	166,467	236,313	1,346,241	1,109,928	426,661	3,283,356	4,941
Recovered wool fibers---regular factories	50	2,201	4,411,362	1,992,249	840,177	11,567,594	16,737,594	5,175,914	2,343,438	13,896,502	17,364
Felt goods (except woven felts and hats)	37	3,446	6,832,114	3,856,988	850,737	13,048,313	23,573,823	10,525,510	5,817,785	20,697,159	17,775
Woolen and worsted carpet yarn	10	2,675	5,138,432	2,931,024	533,093	9,516,511	16,548,075	7,031,564	3,567,447	15,806,181	7,465
Wool carpets and rugs	37	24,522	44,657,712	29,066,194	5,541,614	57,295,202	134,019,130	76,723,928	42,116,120	84,510,978	62,757

Rayon manufactures (6)	511	88,655	171,298,335	\$75,059,778	\$12,151,748	\$199,584,455	\$340,918,484	\$111,334,029	\$54,122,503	521,382,222	235,394
Rayon throwing and spinning---contract factories	26	2,173	3,943,207	1,339,755	193,241	524,096	2,655,013	2,130,917	597,921	18,208,885	6,589
Rayon yarn and thread---regular factories	43	5,638	10,459,771	3,797,354	758,416	17,455,373	24,746,550	7,291,177	2,735,407	46,975,422	18,759
Rayon broad woven goods:											
Contract factories	62	3,656	6,801,063	2,666,801	381,658	530,748	4,566,995	4,036,247	987,788	10,752,610	4,888
Regular factories	146	55,850	108,881,602	46,017,132	4,895,641	148,107,372	230,457,407	82,350,937	31,437,262	362,497,669	144,821
Rayon narrow fabrics	73	4,632	9,117,995	3,574,832	934,528	6,518,563	14,900,502	8,381,939	3,872,777	6,938,777	4,387
Dyeing and finishing of rayon and silk textiles	161	16,706	32,094,697	17,663,904	4,988,264	26,448,303	63,592,017	37,143,714	14,491,546	76,008,859	55,948
Silk manufactures (5)	265	31,660	57,799,376	23,611,848	4,461,374	55,260,706	99,202,618	43,941,912	15,868,690	140,563,648	68,534
Silk throwing and spinning---contract factories	62	10,532	18,132,663	6,498,984	810,228	3,045,669	13,471,151	10,425,482	3,116,270	64,531,108	21,766
Silk yarn and thread---regular factories	46	8,908	16,753,479	6,577,088	1,411,998	32,060,608	45,310,139	13,249,531	5,260,445	42,725,116	20,729
Silk broad woven goods:											
Contract factories	25	800	1,473,298	551,564	75,442	101,160	835,899	734,739	107,733	1,873,277	1,200
Regular factories	59	7,475	13,844,900	6,403,194	1,310,743	15,955,095	27,812,783	11,857,688	4,143,751	26,717,756	21,345
Silk narrow fabrics	73	3,945	7,595,036	3,581,018	852,963	4,098,174	11,772,646	7,674,472	3,240,491	4,716,391	3,514
Knit goods (7)	1,436	198,585	369,523,470	173,481,595	27,106,498	283,773,111	584,121,513	300,348,402	99,760,309	299,466,437	171,341
Hosiery, full-fashioned	337	84,361	155,461,300	88,496,938	10,009,525	104,821,802	241,432,850	136,611,048	38,104,585	132,887,754	57,351
Hosiery, seamless	319	49,362	92,090,921	34,290,191	5,123,065	54,003,509	113,992,195	59,988,686	20,575,430	57,441,094	32,861
Knitted cloth	134	9,135	17,980,787	8,447,551	2,576,510	33,190,619	52,699,529	19,508,910	8,484,849	35,216,685	24,190
Knitted gloves	17	3,692	6,769,314	2,646,268	333,898	3,768,897	8,558,275	4,789,378	1,809,212	1,806,153	1,224
Knitted underwear (except knitted gloves):											
Contract factories	166	3,238	5,764,475	2,625,089	238,505	625,182	5,239,529	4,614,347	1,750,753	2,386,047	1,681
Regular factories	306	15,378	28,976,286	12,843,267	3,476,263	36,789,048	66,140,677	29,351,629	13,032,099	13,072,038	11,647
Knitted underwear	157	33,419	62,520,387	24,132,291	5,348,732	50,574,054	96,058,458	45,484,404	16,003,381	56,656,666	42,387
Apparel (men's clothing) (13)	2,436	253,422	445,816,093	204,084,422	27,607,984	393,075,627	761,187,660	368,112,033	136,419,627	104,092,296	79,301
Work clothing (except work shirts) and sport garments (except leather)	459	46,224	83,255,146	30,126,256	5,237,536	87,751,914	143,810,993	56,059,079	20,695,287	22,368,414	18,169
Trousers (seamless), wash suits, and washable service apparel	169	13,900	24,971,496	8,942,680	1,602,209	21,935,068	39,651,937	17,716,869	7,171,980	5,087,514	5,661
Leather and sheep-lined clothing	61	3,541	6,643,066	3,643,957	816,295	11,215,296	27,873,616	6,658,320	2,196,068	1,940,304	1,179
Raincoats and other waterproof garments (except oiled cotton)	35	1,792	3,097,845	1,327,176	360,337	3,579,844	6,284,297	2,704,453	1,016,940	651,175	538
Work shirts	71	12,336	22,414,651	6,720,382	757,043	18,696,413	31,413,394	12,716,981	5,239,556	6,645,469	4,044
Men's and boys' shirts (except work shirts), collars, and nightwear:											
Contract factories	106	10,520	18,025,818	6,078,065	496,717	934,632	8,942,693	8,008,061	1,433,279	2,807,122	2,258
Regular factories	243	45,895	83,481,585	30,592,063	3,828,548	74,597,546	132,989,102	58,391,556	23,970,945	19,808,210	16,777
Men's and boys' underwear---contract factories	10	1,211	2,378,307	696,558	40,354	181,789	1,094,784	912,995	176,083	340,094	362
Men's and boys' underwear---regular factories	36	4,850	8,695,862	2,777,040	382,944	9,409,716	14,301,895	4,892,179	1,732,195	2,143,516	1,847
Men's neckwear---contract factories	20	681	1,028,085	412,168	43,475	111,643	729,280	617,637	161,994	212,237	108
Men's neckwear---regular factories	185	6,568	11,862,783	5,354,716	1,439,303	19,135,545	33,379,125	14,443,580	2,900,255	2,900,255	1,075
Men's and boys' suits, coats, and overcoats (except work clothing):											
Contract factories	653	34,592	55,784,240	30,878,027	1,861,632	3,600,649	43,378,592	39,777,943	7,038,284	9,476,573	6,617
Regular factories	388	71,512	124,177,209	76,535,304	10,741,591	141,925,572	287,137,952	145,212,380	57,935,485	29,671,413	20,666
Forest products (15)	9,648	445,589	881,104,867	405,884,461	78,220,979	676,922,500	1,459,765,145	816,842,645	332,737,205	1,519,366,349	2,482,652
Lumber and timber basic products (4)	6,904	288,181	565,803,084	259,086,304	41,869,778	403,235,589	908,833,451	505,597,862	204,641,780	1,196,095,319	1,970,440
Logging camps and contractors (not with sawmills)	525	16,796	30,107,386	17,586,315	1,829,640	21,291,504	53,160,836	31,869,332	12,453,377	---	---
Sawmills, veneer mills, and cooperage---saw mills, including those combined with logging camps and with planing mills	4,535	214,599	418,508,910	183,157,471	25,811,482	232,316,403	581,241,775	348,925,372	139,956,419	961,579,633	1,548,350
Planing mills not with sawmills	1,771	48,000	98,909,388	49,041,545	12,760,152	132,725,468	236,484,611	105,799,143	43,977,446	173,485,720	375,797
Plywood mills	73	8,786	18,277,400	9,300,973	1,468,504	16,902,214	35,946,229	19,044,015	8,274,538	61,029,966	46,293

TABLE 5-C --- AGGREGATES FOR "DOLLAR" ITEMS, ELECTRIC ENERGY CONSUMED, AND HORSEPOWER OF USED EQUIPMENT, BY INDUSTRIES, FOR SELECTED ESTABLISHMENTS IN 171 INDUSTRIES: 1939--Continued

Industry	Estab- lish- ments	Wage earners (average for year)	Man-Hours	Wages	Salaries	Cost of materials	Value of products minus prime cost	Value added	Electric energy used, kWh	Horse- power
Wooden containers (4)	611	31,000	59,927,694	\$21,736,775	\$4,844,689	\$44,476,785	\$90,465,126	\$45,988,341	55,909,085	117,900
Baskets for fruits and vegetables	110	6,822	12,810,106	3,845,815	704,944	5,065,348	12,430,854	7,365,506	4,934,398	17,509
Battan and willowware (except furniture) and baskets other than vegetable and fruit baskets	31	1,212	2,417,098	825,677	414,349	1,463,043	3,435,005	1,991,962	906,643	2,142
Cigar boxes, wooden or part wooden	47	2,559	4,543,014	1,659,301	421,461	1,962,683	5,080,051	3,117,368	2,462,662	3,844
Wooden boxes except cigar boxes	423	20,407	40,157,176	15,405,982	3,303,935	35,985,711	69,499,216	35,513,505	47,605,382	94,405
Furniture (7)	2,133	126,408	255,374,089	125,061,382	31,506,512	229,210,126	494,466,568	265,256,142	108,688,548	394,312
Veneer and blinds 2/	86	2,655	5,630,011	2,420,925	629,305	6,287,480	11,570,158	5,282,678	4,843,304	5,054
Upholstered household furniture	510	23,103	45,130,068	23,677,347	5,269,845	49,615,819	98,238,442	48,622,623	27,081,670	44,798
Household furniture except upholstered	932	72,411	147,170,104	64,882,193	15,341,843	116,533,382	249,697,583	133,164,201	170,515,191	250,033
Office furniture	99	10,555	21,825,093	12,439,317	3,213,224	20,458,701	49,155,491	28,696,790	25,528,199	30,239
Public-building furniture	76	5,163	10,730,831	5,748,728	1,711,611	9,454,338	22,785,359	13,291,021	15,778,237	19,261
Laboratory, hospital, professional furniture	51	2,389	4,899,323	2,679,861	1,160,310	4,979,506	11,924,015	6,944,509	4,547,214	7,644
Partitions, shelving, cabinet work, fixtures	379	10,132	19,988,659	13,213,011	4,180,374	21,840,900	51,095,520	29,254,620	19,068,130	37,283
Chemical industries, i.e., making or using chemicals, or employing chem- ical processes (15)	3,213	452,743	891,198,825	611,811,997	174,314,603	3,622,606,106	5,740,611,371	2,118,006,265	1,331,878,665	6,467,413
Chemical industries other than rubber (11)	2,778	337,373	676,286,044	454,873,094	131,641,314	3,138,233,250	4,862,682,226	1,724,448,976	1,137,934,568	5,548,820
Paper and paperboard mills	530	101,360	213,801,227	131,372,533	30,184,276	485,826,146	856,050,507	370,224,361	5,811,861,735	31,533,374
Pulp mills	157	24,301	49,647,376	29,533,963	5,272,243	132,126,726	202,764,502	70,637,776	2,457,152,781	7,743,674
Rayon and allied products	30	48,332	91,942,992	60,029,523	12,293,353	78,459,699	247,065,556	168,605,857	1,238,929,809	422,398
Drugs and medicines (including drug grinding)	525	19,075	39,063,150	20,430,102	15,820,933	96,628,646	309,356,254	212,727,608	59,016,439	51,815
Insecticides and fungicides	219	2,590	5,267,114	2,736,017	2,824,795	22,950,878	50,596,615	27,645,737	22,084,925	16,663
Perfumes, cosmetics, and other toilet preparations	216	8,544	17,067,708	7,888,327	5,797,155	49,613,172	127,026,599	77,413,427	7,849,743	11,644
Soap and glycerin	153	13,303	26,325,210	18,446,337	8,227,752	137,929,343	297,438,156	139,528,813	113,743,194	87,494
Cleaning and polishing preparations; blackings, etc.	256	4,075	8,182,625	4,176,974	3,875,662	28,642,086	65,136,495	34,434,409	28,141,773	15,586
Petroleum refining	341	70,934	136,818,779	125,839,958	37,076,982	1,876,341,086	2,368,145,426	511,804,340	2,753,253,251	1,473,008
Leather: Tanned, etc.---contract factories	88	5,087	9,840,638	5,813,871	1,228,661	5,884,402	15,456,039	9,611,637	2,569,105	19,373
Leather: Tanned, etc.---regular factories	263	39,772	78,329,225	48,305,469	9,039,502	203,831,066	303,586,077	99,755,011	176,112,044	173,791
Rubber industries (4)	435	115,370	214,912,781	156,938,903	42,673,289	484,372,856	877,929,145	393,556,289	1,558,473,599	918,593
Rubber boots and shoes	13	14,861	26,519,819	16,801,537	3,479,190	20,749,368	49,980,591	29,231,223	8,950,496	63,336
Tires and inner tubes	53	54,115	96,225,020	89,773,030	23,250,768	349,556,866	580,928,993	331,372,127	1,069,700,136	528,804
Reclaimed rubber	10	1,072	2,219,921	1,477,036	386,207	2,992,406	6,894,018	3,901,612	83,650,137	32,471
Rubber products not elsewhere classified	359	45,322	89,948,021	48,866,827	15,557,124	111,074,216	240,125,543	129,051,327	338,847,451	293,982
Stone, clay, glass industries (18)	1,664	178,096	342,054,431	207,772,204	41,890,971	269,413,772	814,973,863	545,560,091	295,896,916	2,011,487
Cement and lime (2)	354	31,552	62,890,380	38,989,003	9,101,925	78,832,910	222,077,485	143,244,575	2,787,343,726	1,262,748
Cement	157	23,571	46,417,059	31,136,324	7,345,060	67,355,944	190,259,145	122,903,201	84,421,817	1,143,996
Lime	197	7,981	16,473,321	7,852,679	1,756,865	11,476,966	31,818,340	20,341,374	10,731,830	119,352

Structural clay products (7)	879	47,031	92,645,157	\$46,652,153	\$8,962,741	\$39,512,763	\$138,923,313	\$99,430,550	\$43,795,656	225,768,406	309,251
Brick and hollow structural tile	539	22,196	44,948,198	20,723,745	4,149,030	17,053,237	59,637,515	42,584,278	17,711,503	130,428,216	179,489
Terra cotta	12	1,099	2,316,078	1,298,603	304,822	757,441	3,175,310	2,437,869	814,644	4,686,720	5,528
Flooring tile	16	628	1,205,307	615,607	147,968	376,245	1,824,881	1,448,636	685,061	2,842,286	4,511
Roofing tile	45	5,950	11,177,628	5,667,712	953,631	3,764,447	16,842,698	12,047,251	5,429,908	16,393,017	13,026
Sewer pipe and kindred products	60	6,041	11,743,432	6,624,450	967,630	4,447,485	17,389,749	12,942,264	12,052,184	28,324,934	28,324
Clay refractories, including refractory cement	136	10,257	18,297,971	10,620,319	2,129,218	11,167,627	36,124,194	24,956,567	12,225,030	53,400,827	67,136
Clay products (except pottery), n.e.c.	71	1,460	2,956,543	1,323,717	310,642	915,281	3,928,966	3,013,685	1,379,326	5,993,406	11,237
Pottery and porcelain (5)	209	29,556	58,287,906	33,864,165	6,465,960	25,843,509	89,010,872	63,167,363	22,837,238	70,525,934	62,794
Vitreous-china plumbing fixtures	25	4,534	9,094,386	6,315,843	1,109,177	6,982,118	21,978,821	14,996,703	7,571,683	14,132,622	17,608
Hotel china	14	3,580	6,731,976	3,804,310	682,724	1,422,109	7,815,079	6,392,990	1,955,956	6,454,553	4,112
Whiteware	24	10,962	21,264,568	12,296,186	1,633,451	7,690,513	26,056,176	18,365,663	4,436,026	19,480,601	11,920
Porcelain electrical supplies	35	5,284	10,533,196	5,811,402	1,667,726	6,515,763	18,887,676	12,371,913	4,892,785	18,715,472	17,255
Pottery products not elsewhere classified	111	5,196	10,663,780	5,636,424	1,372,882	3,233,006	14,273,100	11,040,094	4,030,788	11,742,686	11,899
Glass (3)	185	65,426	120,415,726	83,362,350	16,442,759	115,263,343	341,907,894	226,644,551	126,839,442	736,085,711	349,141
Flat glass	33	16,621	28,300,521	23,859,695	3,649,488	33,548,602	101,728,778	68,180,176	40,670,993	253,159,879	154,196
Glass containers	69	24,738	48,229,078	32,770,937	6,745,582	57,491,514	152,340,273	94,848,759	55,332,240	351,247,060	134,987
Tableware, and glassware not elsewhere classified	83	24,067	43,886,127	26,731,718	6,047,689	24,223,227	87,838,843	63,615,616	30,836,209	131,678,772	59,958
Nonclay refractories (1)	37	4,531	7,815,262	4,904,533	917,566	9,961,247	23,054,299	13,093,052	7,270,933	29,056,162	27,553
Nonferrous metal industries (4)	1,469	172,544	254,076,110	170,377,698	46,906,440	1,114,508,376	1,623,894,080	479,385,704	262,131,346	4,772,320,624	1,221,850
Primary smelting and refining, nonferrous	39	19,224	39,715,750	26,846,152	6,436,614	614,210,950	718,748,625	104,507,675	71,224,909	3,740,509,835	459,260
Secondary smelting and refining, nonferrous, n.e.c.	56	2,769	5,543,889	3,425,631	1,901,664	47,074,013	62,234,668	13,160,655	7,833,360	21,971,391	18,952
Aluminum ware, kitchen, hospital, and household (except electrical appliances)	32	6,297	13,078,817	7,774,778	2,192,950	17,206,914	37,124,898	19,917,984	9,950,256	26,959,092	32,487
Aluminum products (including rolling and drawing and extruding), not elsewhere classified	95	16,431	33,590,653	24,537,089	6,027,195	103,016,738	162,924,301	59,907,563	29,343,279	236,997,515	153,762
Alloying and rolling and drawing of nonferrous metals, except aluminum	113	34,926	74,212,328	50,496,137	11,264,341	230,620,131	372,864,986	142,244,855	80,484,377	611,726,723	419,165
Nonferrous metal foundries, except aluminum	349	6,950	13,790,878	8,971,068	2,910,292	21,756,317	41,088,001	19,331,684	7,450,324	20,283,397	24,052
Nonferrous metal products not elsewhere classified	248	21,178	44,201,624	29,853,908	8,967,156	50,821,060	117,851,285	67,030,225	28,199,161	92,448,554	68,942
Sheet-metal work not specifically classified	737	14,659	29,942,171	18,412,935	7,226,448	57,772,253	111,057,316	53,285,063	27,645,680	21,424,117	45,240
Iron and steel and their products, including machinery and motor vehicles (54)	9,945	1,584,062	3,032,590,223	2,319,072,339	574,946,853	6,892,234,120	12,291,791,132	5,399,557,012	2,505,537,820	16,079,902,699	15,242,260
Iron and steel and their products except machinery and motor vehicles (17)	3,089	663,121	1,252,765,812	937,398,947	179,051,317	2,844,900,556	4,868,286,716	2,023,386,160	906,935,896	11,034,873,524	10,532,474
Iron and steel (3)	471	413,541	768,800,372	633,441,154	103,444,015	2,057,896,180	3,370,006,684	1,312,110,504	575,225,335	9,832,462,096	9,314,022
Blast furnaces products	78	18,999	37,375,950	27,658,853	5,272,725	451,202,282	536,661,096	85,458,814	895,715,371	4,527,236	4,527,236
Steel works and rolling mills	241	365,328	675,439,710	564,836,924	87,557,328	1,562,655,992	2,701,250,262	1,138,594,270	486,200,018	8,468,944,577	5,962,009
Steel castings	152	29,214	55,984,712	40,945,377	10,613,962	44,037,906	132,095,326	88,057,420	36,498,081	487,802,088	252,013
Iron foundries (3)	1,035	85,319	162,928,285	101,455,797	20,678,350	116,314,513	302,992,760	186,678,247	64,544,100	325,730,015	388,754
Gray-iron and semi-steel castings	893	52,488	100,207,721	64,198,527	13,826,170	72,909,534	191,763,852	118,854,318	40,829,621	185,857,465	248,581
Malleable-iron castings	75	17,328	32,833,625	20,728,287	4,008,473	17,272,742	51,080,726	33,807,984	9,071,224	83,449,493	79,468
Cast-iron pipe and fittings	67	15,503	29,886,939	16,528,983	2,843,707	60,148,182	60,148,182	34,015,945	14,643,255	56,453,057	60,705

TABLE 5-C --- AGGREGATES FOR "DOLLAR" ITEMS, ELECTRIC ENERGY CONSUMED, AND HORSEPOWER OF USED EQUIPMENT, BY INDUSTRIES, FOR SELECTED ESTABLISHMENTS IN 171 INDUSTRIES: 1939--Continued

Industry	Estab-lish-ments	Hage-earners (average for year)	Man-Hours	Wagee	Salaries	Cost of materials	Value of products	Value added	Value of products minus prime cost	Electric energy used, KWH	Horse-power
Miscellaneous iron and steel products (7)	1,007	117,903	229,868,777	\$118,320,217	\$39,529,010	\$557,031,998	\$959,841,892	\$402,808,494	\$214,959,267	677,344,861	643,201
Wrought pipe, welded and heavily riveted	40	7,984	14,969,236	11,723,839	2,681,401	39,967,000	72,408,220	32,441,220	18,035,980	72,468,852	76,840
Cold-rolled steel sheets, strips, and bars	43	5,644	11,337,817	8,177,807	2,362,987	45,369,069	70,401,099	25,032,030	14,491,236	77,173,187	98,767
Enamel-iron sanitary ware and other plumbers' supplies (not including pipe and vitreous and esivitreous china sanitary ware)	182	23,096	45,302,833	29,011,030	6,302,816	48,771,568	117,791,862	69,020,294	33,706,448	100,100,183	100,895
Steel barrels, kegs, and drums	49	5,804	10,976,032	7,080,742	1,484,144	30,982,662	46,901,803	15,919,141	7,354,255	25,476,521	23,542
Tin cans, other tinware not elsewhere classified	207	29,605	57,667,141	34,087,406	10,309,283	235,338,568	353,774,801	118,436,233	74,039,544	105,709,774	117,854
Wire drawn from purchased rods	85	20,521	40,443,002	28,022,762	7,931,387	94,298,923	166,353,737	72,054,814	36,100,665	227,450,776	158,074
Wirework not elsewhere classified	401	25,249	49,172,666	30,216,631	8,456,992	62,305,608	132,210,370	69,904,762	31,231,139	66,965,568	67,269
Metal stamping, enameling, jennanning (4)	576	46,358	91,168,378	54,181,779	15,399,942	113,656,465	235,445,380	121,788,915	52,207,194	199,336,612	186,497
Vitreous enameled products (kitchen utensils, etc.)	45	9,775	18,270,889	9,973,732	2,387,502	16,671,912	37,207,499	20,535,587	8,174,353	49,549,292	25,522
Automobile stampings	75	7,895	15,353,411	11,006,044	3,026,552	20,844,553	44,779,192	23,934,639	9,902,043	30,678,782	39,508
Stamped and pressed metal products (except automobile stampings)	399	27,024	54,379,344	31,295,557	9,444,021	73,841,899	147,034,268	73,192,369	32,452,791	111,071,428	117,117
Enameling, jennanning, and lacquering	57	1,664	3,164,734	1,906,446	541,867	2,298,101	6,424,421	4,126,320	1,678,007	8,037,110	4,350
Electrical machinery (13)	1,315	240,758	476,566,503	319,559,011	132,243,680	675,200,259	1,628,182,257	952,981,998	501,179,307	1,395,268,235	964,693
Batteries, storage and primary (dry and wet)	125	13,718	27,677,017	17,988,725	4,936,352	57,672,944	108,003,215	50,330,271	27,409,194	149,155,838	71,461
Carbon products (electrical), etc.	25	3,171	6,447,888	4,434,543	1,809,716	6,638,857	18,257,827	11,618,970	5,374,711	165,412,606	26,611
Insulated wire and cable	64	14,671	28,674,586	17,782,900	6,166,084	66,263,797	114,410,960	48,147,163	24,198,179	105,108,940	104,248
Wiring devices and supplies	112	13,775	28,189,588	15,946,580	5,488,809	41,916,500	88,247,443	46,330,943	24,895,554	36,125,352	40,866
Electrical measuring instruments	37	6,842	13,820,922	9,762,051	4,190,931	11,633,607	40,795,778	29,162,171	15,209,189	21,939,556	12,862
Automobile electrical equipment	60	17,271	33,100,832	24,721,650	6,411,354	40,973,174	107,923,762	66,950,588	35,817,584	72,786,966	70,462
Generating, distributing, and industrial apparatus	338	67,078	132,303,793	99,814,958	48,156,879	178,570,546	450,382,438	271,811,892	123,840,055	454,977,514	348,350
Electrical appliances	91	19,101	37,391,077	24,682,054	6,626,554	44,667,489	141,661,570	85,301,166	53,992,557	82,823,787	56,881
Electric lamps	43	8,224	15,668,303	9,304,491	2,797,194	26,185,375	77,985,396	51,800,021	39,698,336	45,272,260	20,054
Radio, radio tubes, and phonographs	121	39,750	79,292,416	43,425,068	16,091,625	128,477,739	247,773,604	119,295,865	59,779,172	106,147,773	69,181
Communication equipment	151	31,008	61,454,527	43,384,658	24,732,158	44,627,489	184,897,494	140,270,005	72,153,189	121,923,133	121,214
X-ray and therapeutic apparatus, electronic tubes	46	1,837	3,831,029	2,572,097	1,653,860	5,343,887	16,862,947	11,519,060	7,293,103	3,652,965	2,918
Electrical products not elsewhere classified	102	4,312	8,714,525	5,739,235	3,182,164	11,135,940	31,579,823	20,443,883	11,522,484	30,321,545	19,585
Machinery other than electrical and motor vehicle (22)	4,717	292,086	598,479,524	429,151,141	152,235,348	693,998,407	1,826,036,164	1,132,037,757	550,651,268	1,198,956,185	1,566,282
Engine (2)	83	18,517	37,531,577	27,684,694	11,885,563	62,696,900	134,445,381	71,748,481	32,178,224	94,284,804	113,133
Steam engines, turbines, and water wheels	18	3,902	7,196,848	6,349,143	3,116,932	9,551,498	24,751,466	15,199,968	5,733,893	22,777,927	17,565
Internal-combustion engines	65	14,615	30,334,729	21,335,551	8,768,631	53,145,402	109,693,915	56,548,513	26,444,331	72,206,877	95,568
Metal-working machinery (3)	962	71,797	156,834,470	119,381,386	41,190,716	119,396,154	411,322,891	291,926,737	131,354,635	234,039,163	336,015
Machine tools	173	36,016	80,794,238	61,231,245	21,098,480	61,357,247	212,817,644	151,460,397	69,130,672	120,832,523	167,093
Machine-tool accessories, metal-cutting and shaping tools, and machinists' precision tools	650	20,879	44,404,773	34,431,224	10,715,511	24,865,873	104,298,585	79,432,712	34,285,977	64,743,008	86,933
Metal-working machinery and equipment, n.e.c.	139	14,902	31,635,459	23,718,917	9,376,725	33,173,034	94,206,662	61,033,628	27,937,986	48,463,632	81,989

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Special industrial machinery (7)	846	49,105	100,994,688	\$69,146,220	\$29,700,376	\$115,449,356	\$311,865,737	\$196,416,381	\$97,569,785	186,770,445	299,549
Woodworking machinery	99	3,308	6,913,446	4,267,196	2,070,156	7,594,184	19,793,046	12,198,862	5,861,510	8,954,485	19,586
Paper-mill, pulp-mill, paper-products machinery	79	4,755	10,256,560	6,934,716	3,591,990	11,420,042	28,397,968	16,967,926	6,441,220	14,816,148	33,412
Food-products machinery	252	12,561	25,919,019	17,119,959	7,929,291	8,078,118	80,731,447	52,653,329	27,664,079	29,006,947	67,047
Commercial laundry, cleaning, pressing machinery	55	2,534	5,084,797	3,270,243	1,646,203	8,357,239	20,768,431	12,411,192	7,494,746	5,069,825	13,073
Oil-field machinery and tools	157	11,433	23,809,126	17,213,668	5,988,857	27,338,515	79,251,526	51,913,011	28,710,486	77,895,651	87,534
Mining machinery and equipment	53	4,830	9,239,422	6,125,292	2,816,846	14,831,461	32,596,990	17,765,529	8,623,391	19,544,952	31,438
Special industrial machinery, n.e.c.	151	9,684	19,772,318	14,215,146	5,657,033	17,829,797	50,336,329	32,506,532	12,634,353	31,522,437	47,459
General industrial machinery (10)	2,826	152,667	303,118,789	212,938,841	69,458,693	396,455,997	968,402,155	571,946,158	289,548,624	683,861,773	817,585
Blowers and exhaust and ventilating fans	40	3,537	7,204,020	4,979,815	1,544,067	10,320,477	24,947,578	14,627,101	8,103,219	8,087,558	12,481
Stokers, mechanical, domestic, and industrial	39	3,258	6,249,703	4,402,448	1,390,583	8,689,849	21,273,600	12,583,751	6,790,720	15,186,534	16,003
Mechanical power-transmission equipment	162	28,418	57,374,692	41,212,451	11,163,363	46,845,165	160,964,267	114,119,102	61,743,288	153,699,692	161,150
Industrial machinery not elsewhere classified	344	16,953	34,712,353	24,355,740	11,409,364	39,518,587	108,800,779	69,282,192	33,517,088	71,944,028	122,045
Machine-shop products not elsewhere classified	1,161	49,292	97,957,155	66,947,793	24,216,889	109,087,481	282,701,214	173,613,733	82,449,051	194,068,984	270,574
Machine-shop repairs	706	5,768	11,824,391	7,910,160	1,910,164	6,902,390	23,713,228	16,810,838	6,990,514	11,776,194	36,136
Vending, amusement, other coin-operated machines	28	2,534	5,002,921	3,094,631	1,243,140	6,353,976	15,358,665	9,004,689	4,666,918	3,220,195	3,930
Refrigerators, domestic; refrigerating machinery and equipment; complete air-conditioning units	179	33,089	63,365,920	46,002,753	10,865,237	141,184,954	261,827,514	120,642,560	63,774,570	187,805,603	137,931
Elevators, escalators, and conveyors	123	7,274	14,406,795	11,078,646	4,483,159	20,317,167	52,451,501	32,134,334	16,572,529	31,552,619	44,013
Cars and trucks, industrial	44	2,544	5,020,839	2,954,404	1,232,727	7,235,951	16,363,809	9,127,858	4,940,727	6,520,366	13,322
Motor vehicle industries (2)	824	388,097	704,778,384	632,963,240	111,416,508	2,678,134,898	3,969,285,995	1,291,151,097	546,771,349	2,450,800,000	2,178,811
Motor vehicles, and bodies, parts, accessories	779	386,879	702,156,295	631,696,752	111,121,138	2,674,012,325	3,962,539,064	1,288,526,739	545,708,849	2,449,822,454	2,177,400
Automobile trailers (for passenger cars)	45	1,218	2,582,089	1,266,488	295,370	4,122,573	6,746,931	2,624,358	1,062,500	982,301	1,362
1/ Biennial census totals for the 171 industries: Establishments, 59,247; wage earners, 4,732,877; wages, \$5,490,228,907.											
2/ This industry appears out of its proper order in tables 3 and 4, being on pages 48 and 130 in those tables, just following the industry "Plywood mills".											
3/ The horsepower data used in these tabulations for the paper and pulp industries are those originally reported by the manufacturers for each industry, even though occasionally a manufacturer reported for one of these industries at a specified location the total horsepower data for both industries of the company at that location.											
4/ Included with the "Steel works and rolling mills" industry.											
5/ Including that for the "Elast Nurmac products" industry, because some of the manufacturers did not report horsepower data separately for the "Elast Nurmac products" and "Steel works and rolling mills" industries, the horsepower for each industry cannot be given.											

1/ Biennial-census totals for the 171 industries: Establishments, 59,349; wage earners, 4,732,877; wages, \$5,490,628,907.
2/ This industry appears out of its proper order in tables 3 and 4, being on pages 48 and 130 in those tables, just following the industry "Plywood mills".
3/ The horsepower data used in these tabulations for the paper and pulp industries are those originally reported by the manufacturers for each industry, even though occasionally a manufacturer reported for one of these industries at a specified location the total horsepower data for both industries of the company at that location.
4/ Included with the "Steel works and rolling mills" industry.
5/ Including that for the "Elast. Nurseries products" industry; because some of the manufacturers did not report horsepower data separately for the "Elast. Nurseries products" and "Steel works and rolling mills" industries, the horsepower for each industry cannot be given.

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